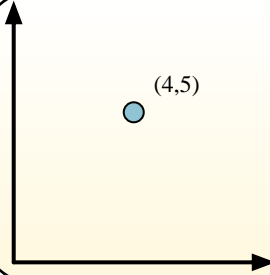


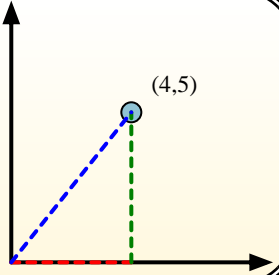


Calculate the angle of the circle relative to (0,0).

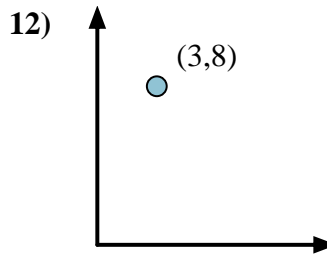
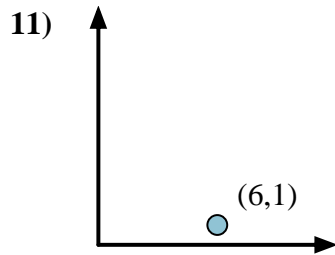
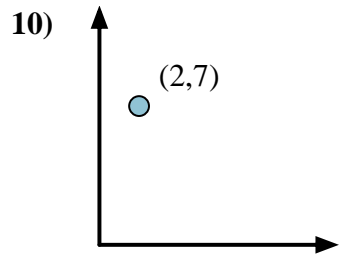
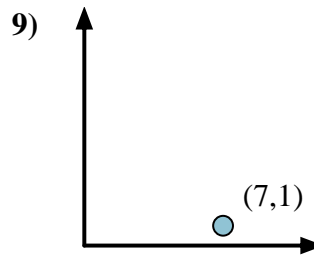
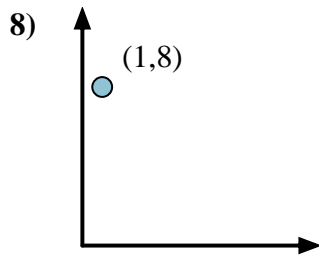
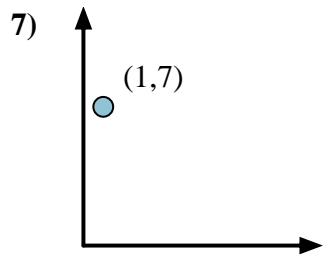
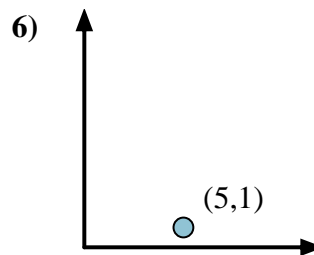
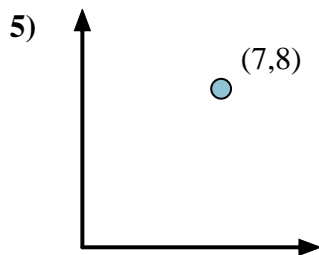
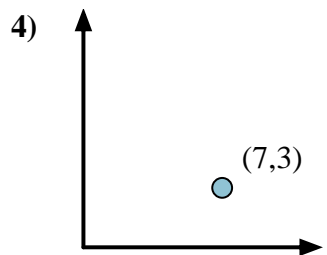
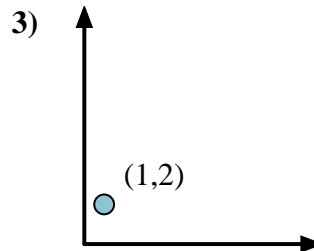
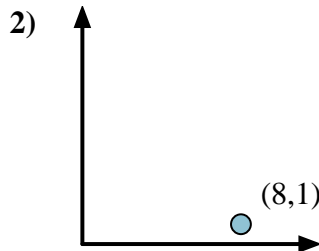
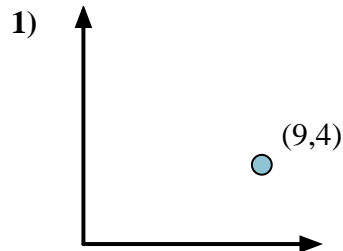


First find the slope.  
 $(y_2 - y_1) \div (x_2 - x_1) = m$   
 $(5 - 0) \div (4 - 0) = 1.25$

Then find the arc tangent (aka. inverse tangent) of the slope.  
 $\arctan(1.25) = 51.34^\circ$



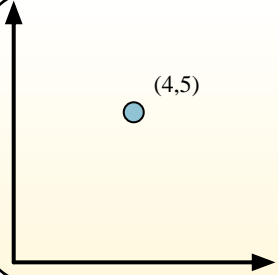
## Answers



1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_
10. \_\_\_\_\_
11. \_\_\_\_\_
12. \_\_\_\_\_

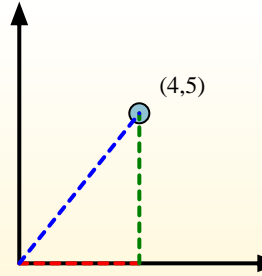


Calculate the angle of the circle relative to (0,0).

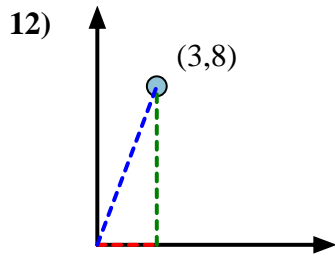
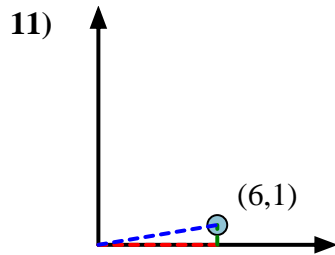
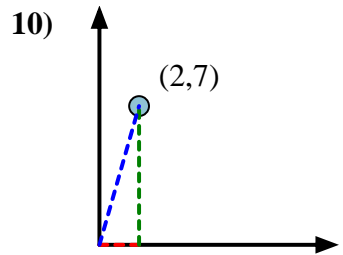
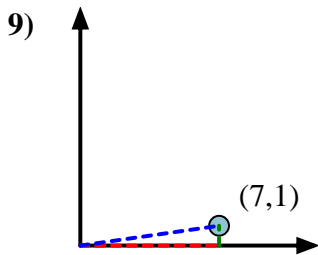
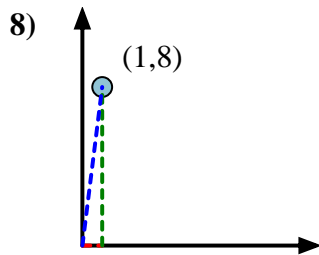
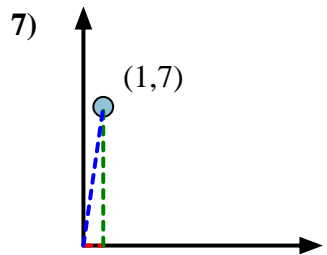
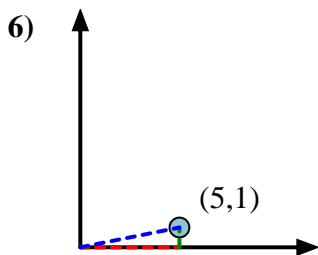
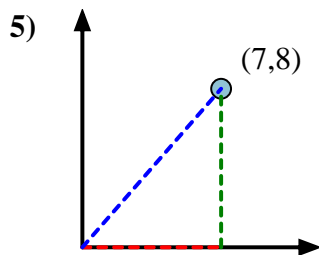
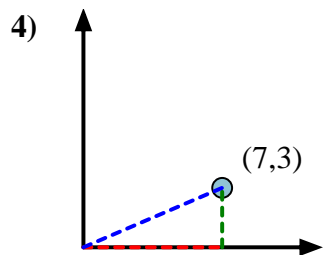
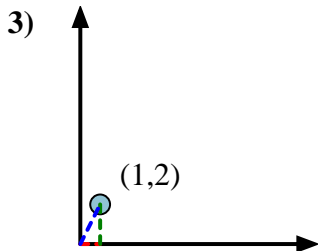
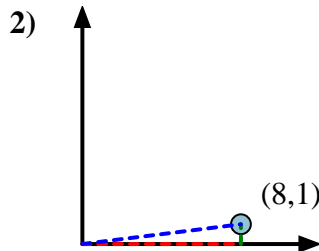
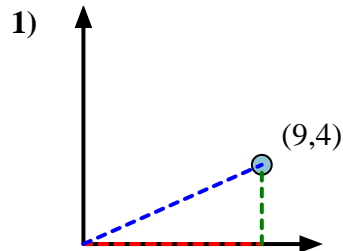


First find the slope.  
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 $(5 - 0) \div (4 - 0) = 1.25$

Then find the arc tangent (aka. inverse tangent) of the slope.  
 $\arctan(1.25) = 51.34^\circ$



Answers



1. 23.96
2. 7.13
3. 63.43
4. 23.20
5. 48.81
6. 11.31
7. 81.87
8. 82.87
9. 8.13
10. 74.05
11. 9.46
12. 69.44



Calculate the angle of the circle relative to (0,0).

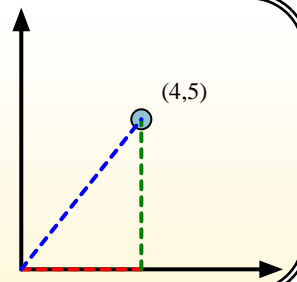
First find the slope.

$$(y_2 - y_1) \div (x_2 - x_1) = m$$

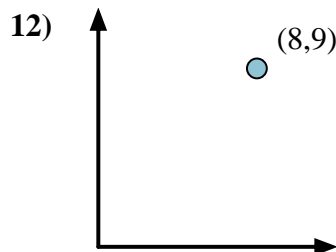
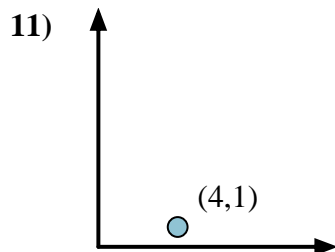
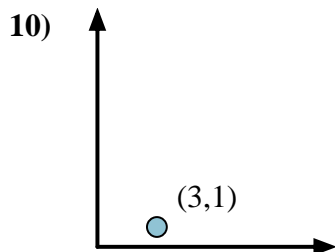
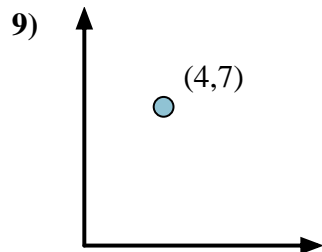
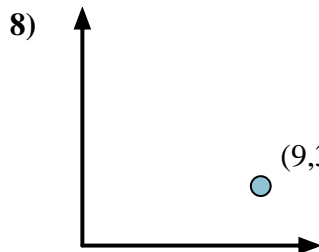
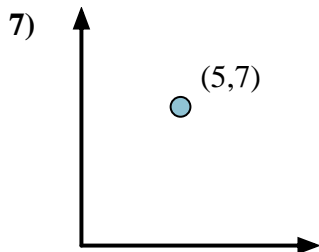
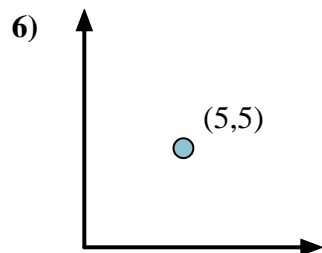
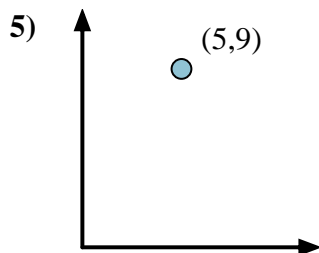
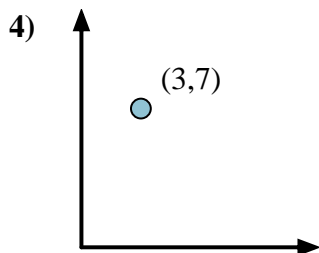
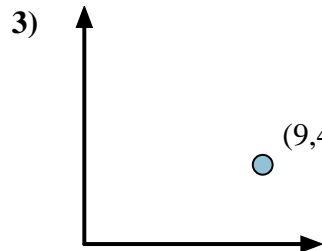
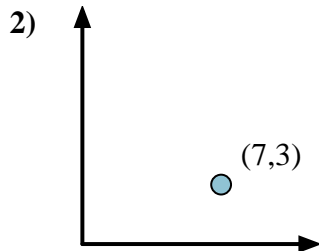
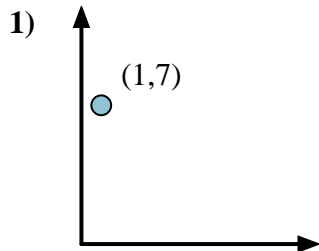
$$(5 - 0) \div (4 - 0) = 1.25$$

Then find the arc tangent (aka. inverse tangent) of the slope.

$$\arctan(1.25) = 51.34^\circ$$



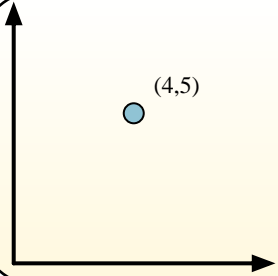
## Answers



1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
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9. \_\_\_\_\_
10. \_\_\_\_\_
11. \_\_\_\_\_
12. \_\_\_\_\_

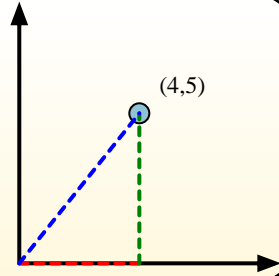


Calculate the angle of the circle relative to (0,0).

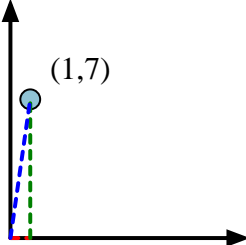
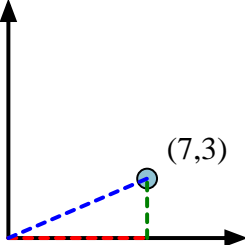
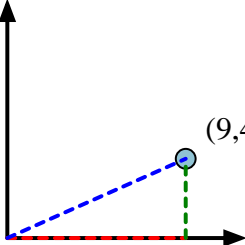
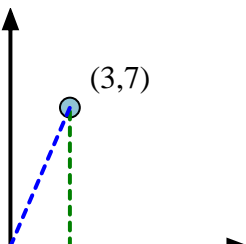
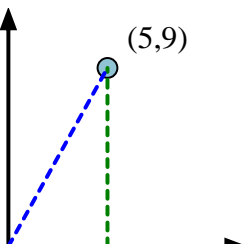
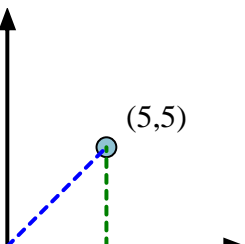
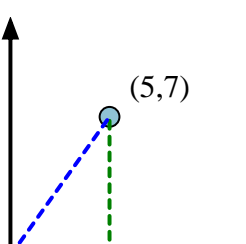
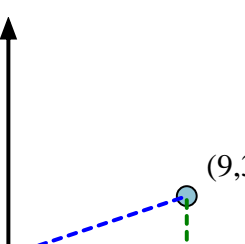
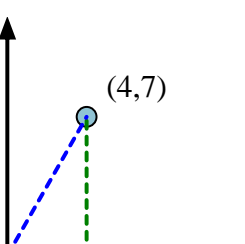
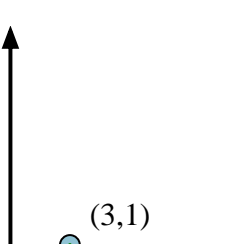
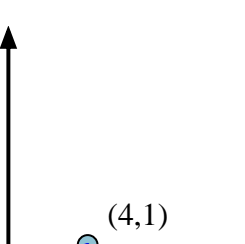
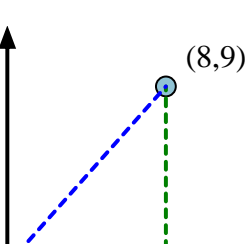


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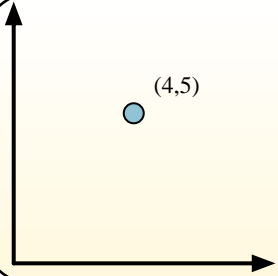
**Answers**

- |   |   |  |
|---|---|--|
| 1)     | 2)     | 3)     |
| 4)    | 5)    | 6)    |
| 7)   | 8)   | 9)   |
| 10)  | 11)  | 12)  |

- |     |              |
|-----|--------------|
| 1.  | <b>81.87</b> |
| 2.  | <b>23.20</b> |
| 3.  | <b>23.96</b> |
| 4.  | <b>66.80</b> |
| 5.  | <b>60.95</b> |
| 6.  | <b>45.00</b> |
| 7.  | <b>54.46</b> |
| 8.  | <b>18.43</b> |
| 9.  | <b>60.26</b> |
| 10. | <b>18.43</b> |
| 11. | <b>14.04</b> |
| 12. | <b>48.37</b> |

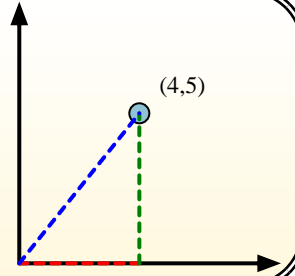


Calculate the angle of the circle relative to (0,0).

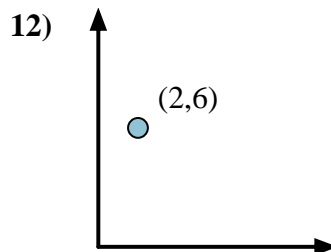
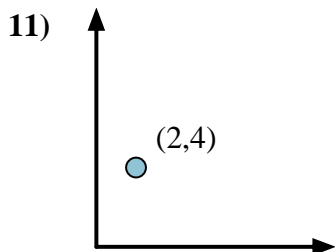
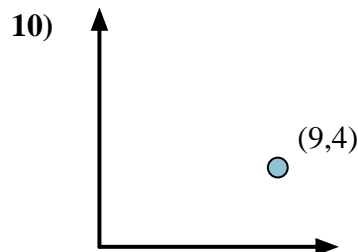
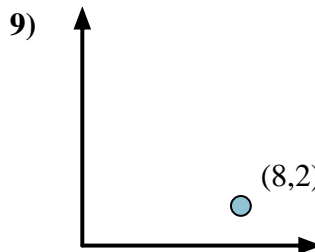
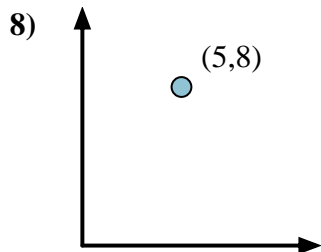
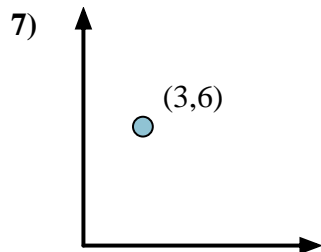
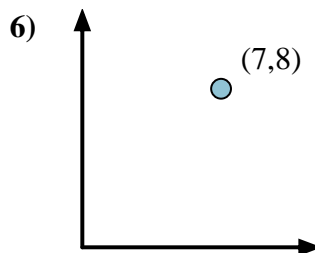
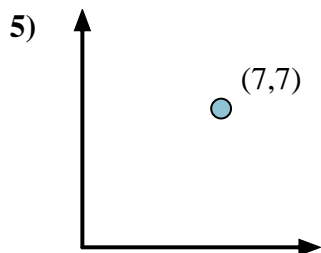
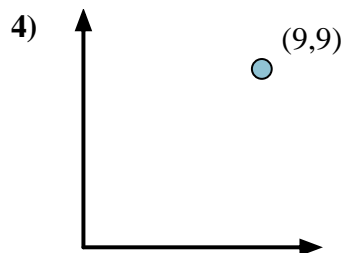
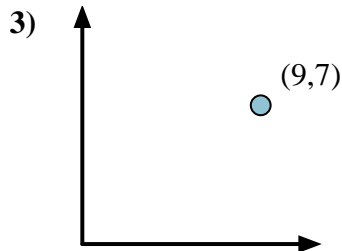
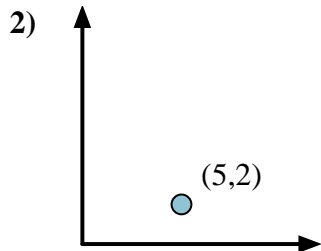
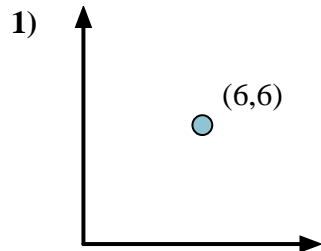


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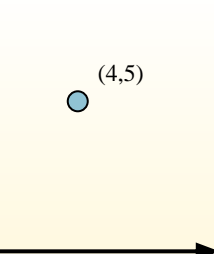
**Answers**



1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_
10. \_\_\_\_\_
11. \_\_\_\_\_
12. \_\_\_\_\_

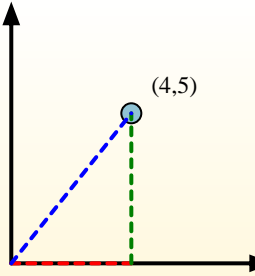


Calculate the angle of the circle relative to (0,0).

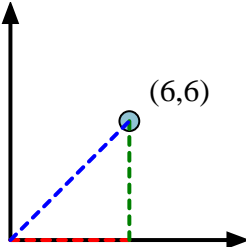
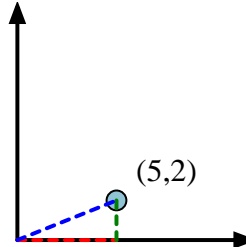
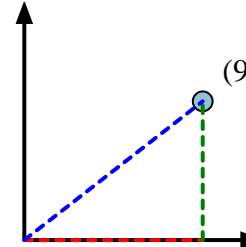
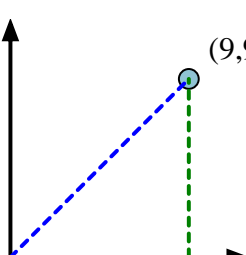
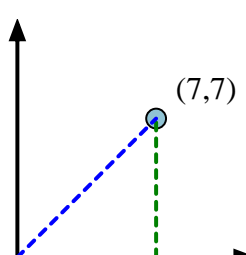
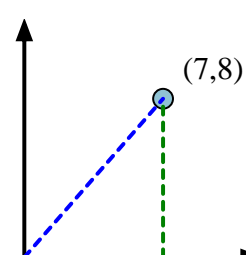
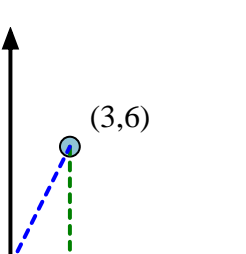
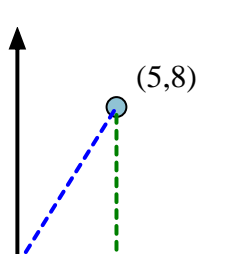
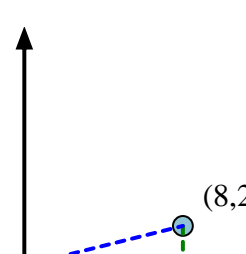
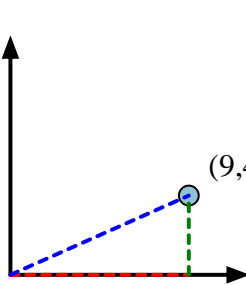
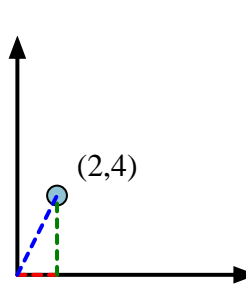
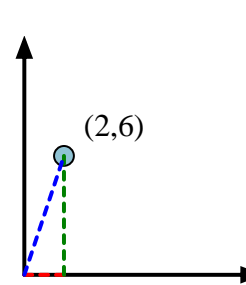


First find the slope.  
 $(y_2 - y_1) \div (x_2 - x_1) = m$   
 $(5 - 0) \div (4 - 0) = 1.25$

Then find the arc tangent (aka. inverse tangent) of the slope.  
 $\arctan(1.25) = 51.34^\circ$



**Answers**

- |   |   |  |
|---|---|--|
| 1)     | 2)     | 3)     |
| 4)    | 5)    | 6)    |
| 7)   | 8)   | 9)   |
| 10)  | 11)  | 12)  |

- |     |              |
|-----|--------------|
| 1.  | <b>45.00</b> |
| 2.  | <b>21.80</b> |
| 3.  | <b>37.87</b> |
| 4.  | <b>45.00</b> |
| 5.  | <b>45.00</b> |
| 6.  | <b>48.81</b> |
| 7.  | <b>63.43</b> |
| 8.  | <b>57.99</b> |
| 9.  | <b>14.04</b> |
| 10. | <b>23.96</b> |
| 11. | <b>63.43</b> |
| 12. | <b>71.57</b> |

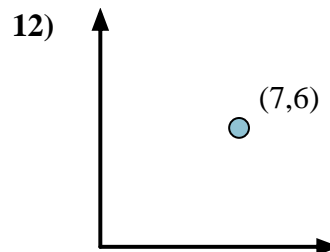
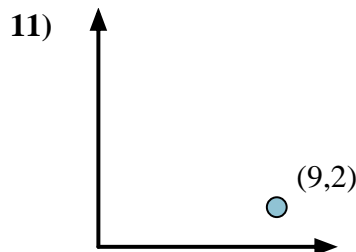
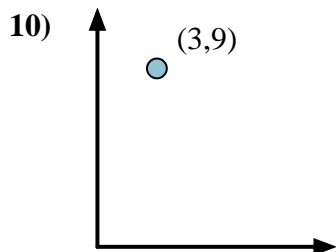
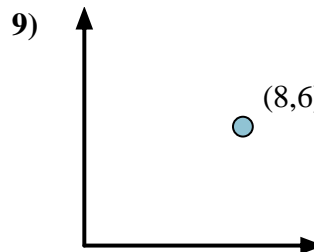
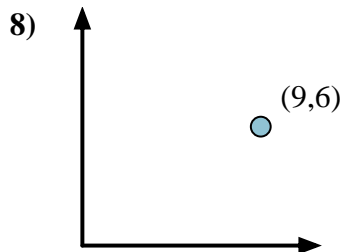
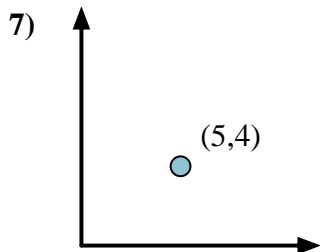
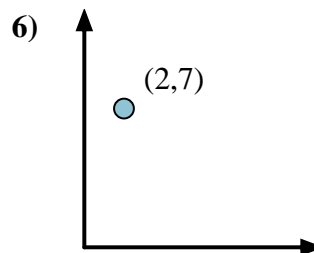
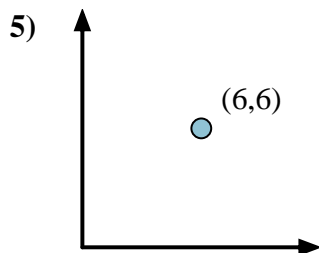
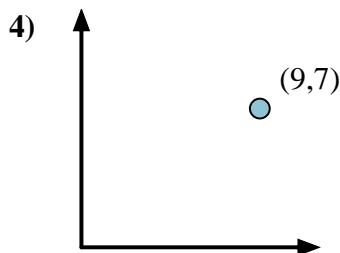
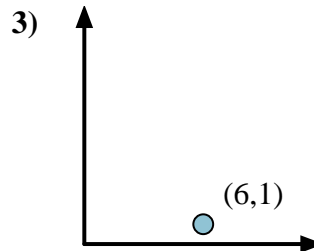
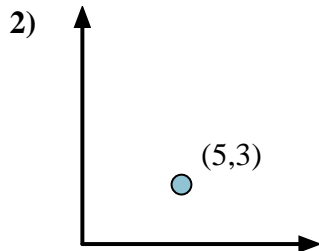
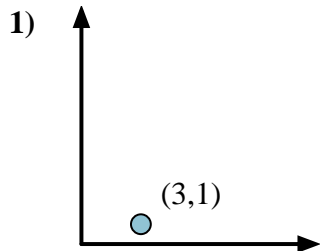


Calculate the angle of the circle relative to (0,0).

First find the slope.  
 $(y_2 - y_1) \div (x_2 - x_1) = m$   
 $(5 - 0) \div (4 - 0) = 1.25$

Then find the arc tangent (aka. inverse tangent) of the slope.  
 $\arctan(1.25) = 51.34^\circ$

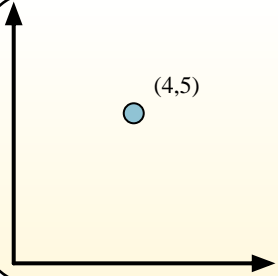
## Answers



1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_
10. \_\_\_\_\_
11. \_\_\_\_\_
12. \_\_\_\_\_

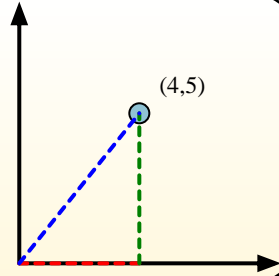


Calculate the angle of the circle relative to (0,0).

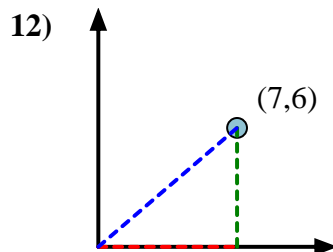
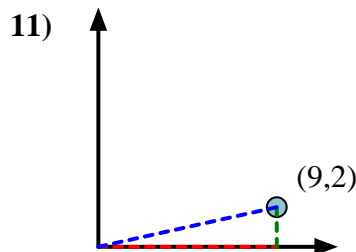
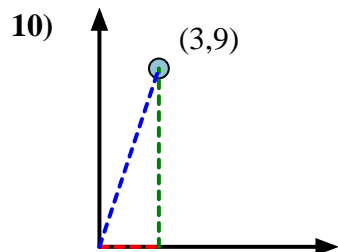
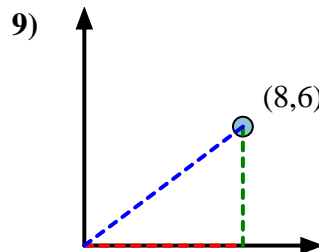
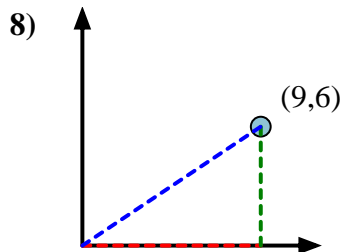
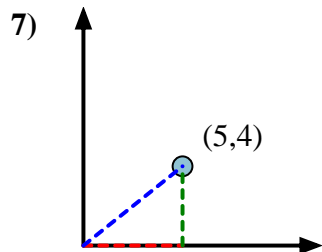
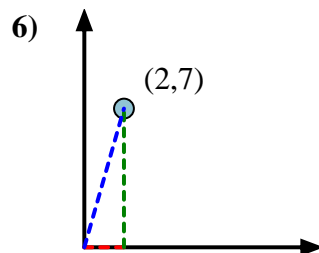
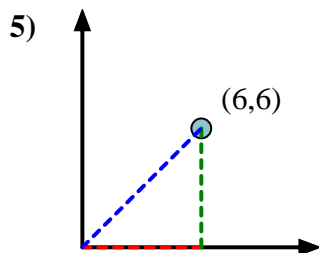
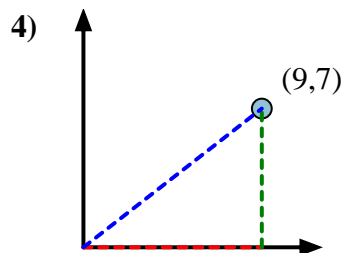
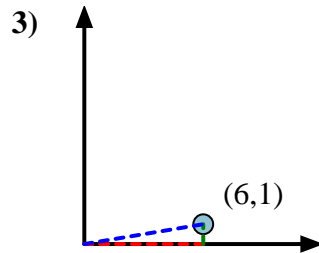
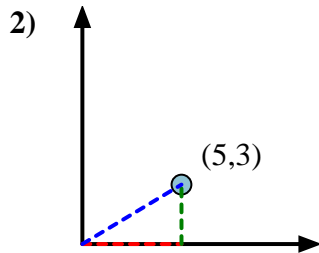
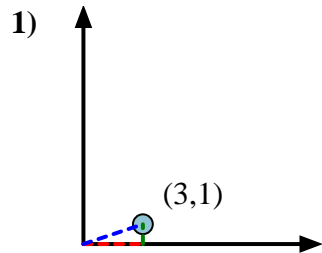


First find the slope.  
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Then find the arc tangent (aka. inverse tangent) of the slope.  
 $\arctan(1.25) = 51.34^\circ$



Answers



1. 18.43
2. 30.96
3. 9.46
4. 37.87
5. 45.00
6. 74.05
7. 38.66
8. 33.69
9. 36.87
10. 71.57
11. 12.53
12. 40.60



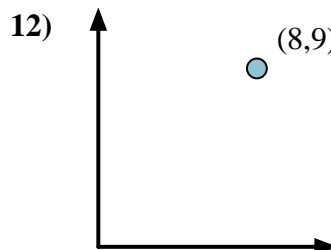
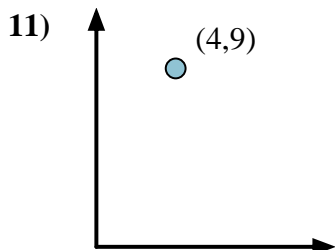
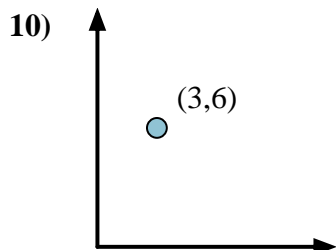
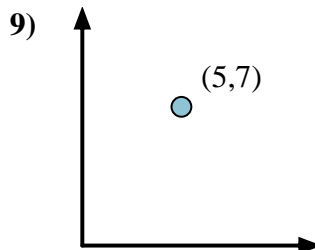
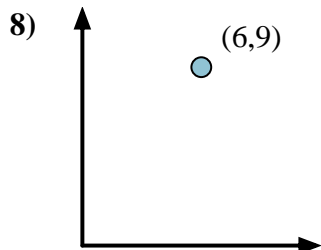
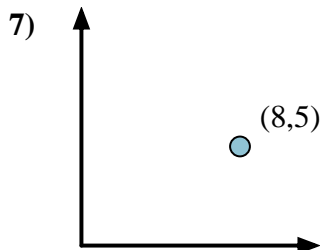
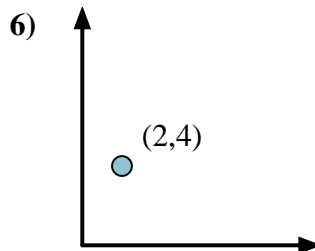
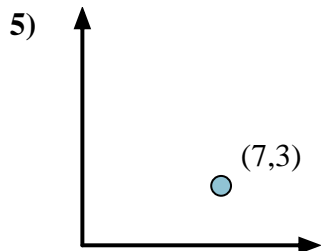
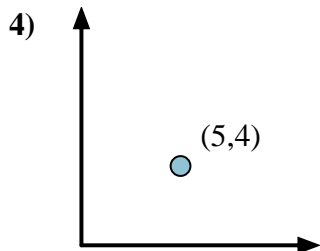
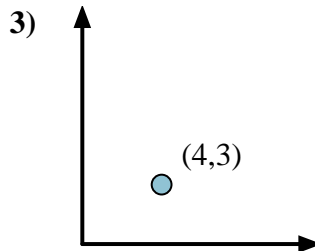
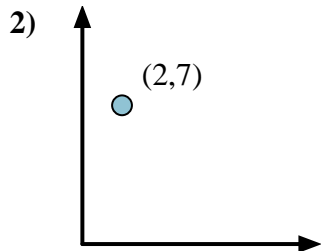
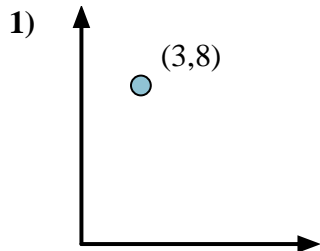


Calculate the angle of the circle relative to (0,0).

First find the slope.  
 $(y_2 - y_1) \div (x_2 - x_1) = m$   
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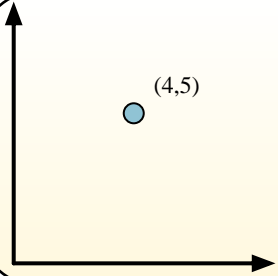
Answers



1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_
10. \_\_\_\_\_
11. \_\_\_\_\_
12. \_\_\_\_\_

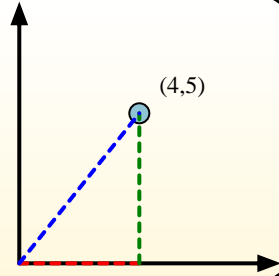


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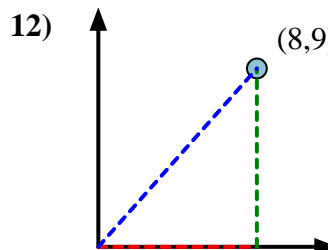
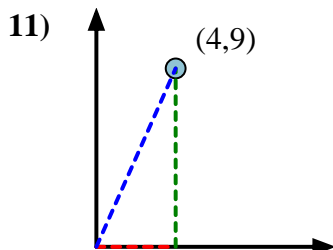
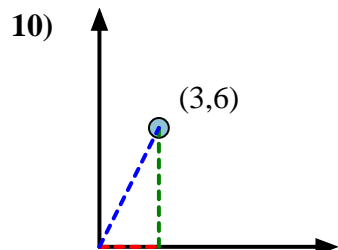
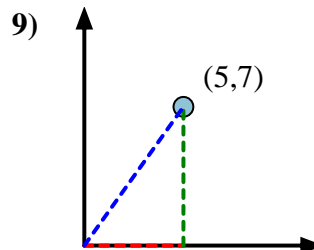
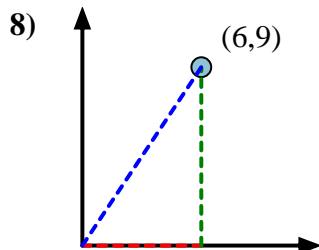
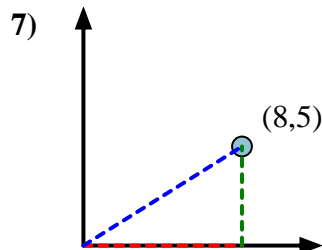
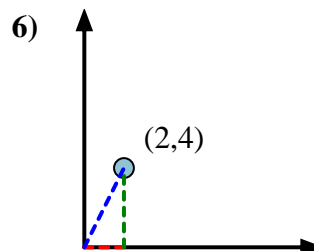
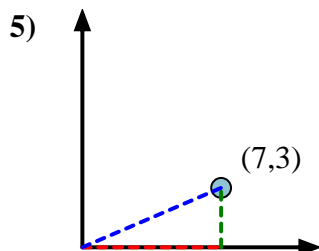
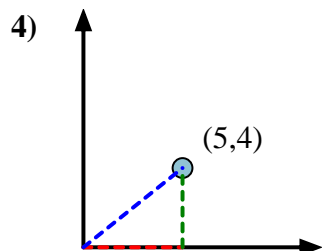
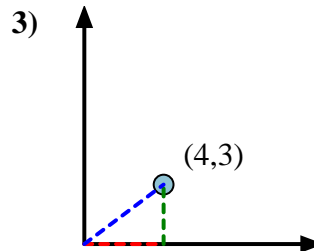
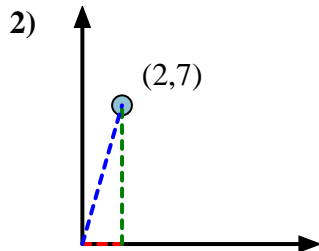
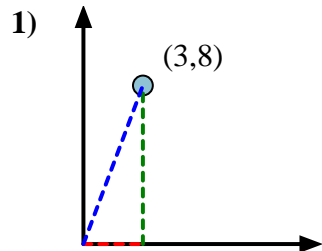


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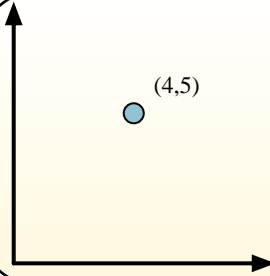
**Answers**



1. 69.44
2. 74.05
3. 36.87
4. 38.66
5. 23.20
6. 63.43
7. 32.01
8. 56.31
9. 54.46
10. 63.43
11. 66.04
12. 48.37

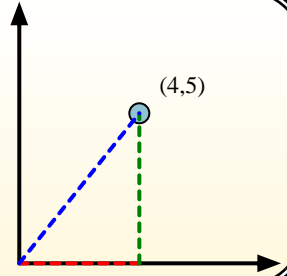


Calculate the angle of the circle relative to (0,0).

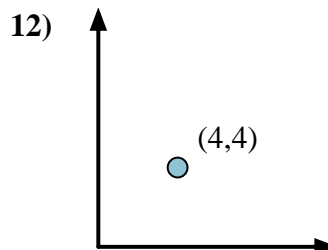
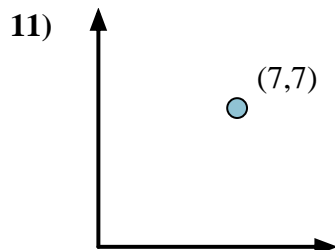
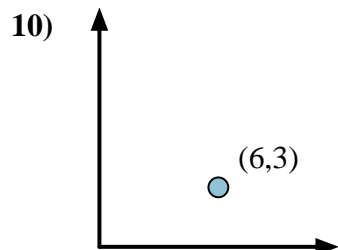
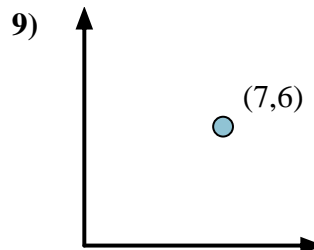
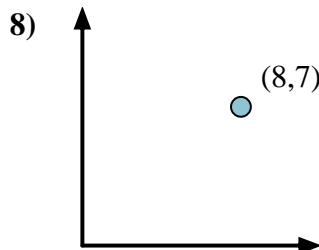
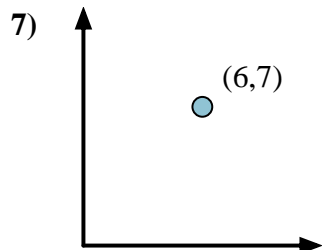
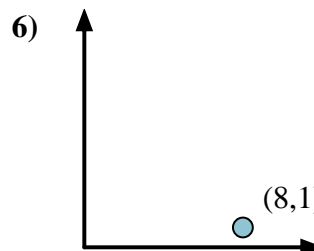
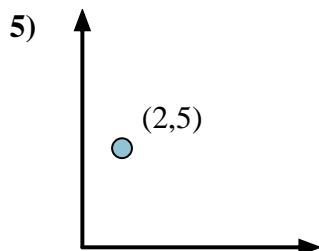
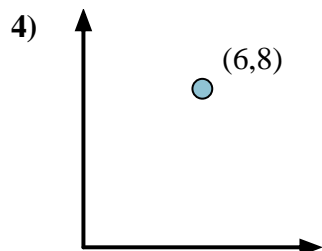
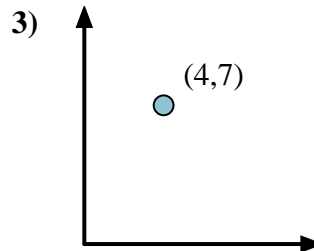
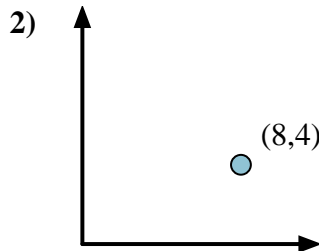
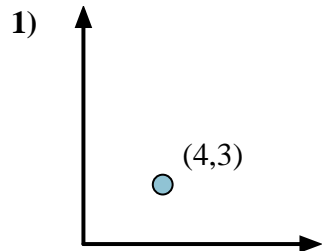


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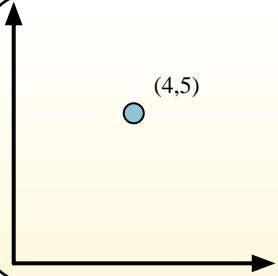
## Answers



1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_
10. \_\_\_\_\_
11. \_\_\_\_\_
12. \_\_\_\_\_

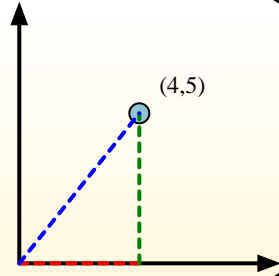


Calculate the angle of the circle relative to (0,0).

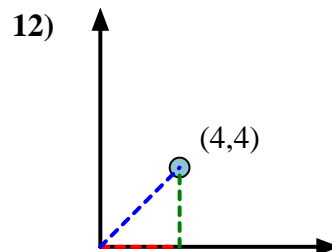
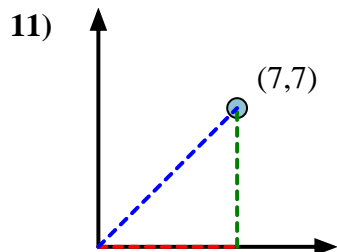
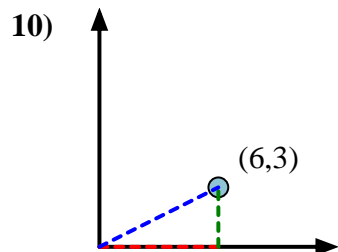
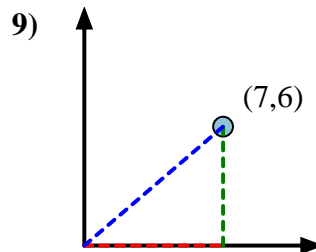
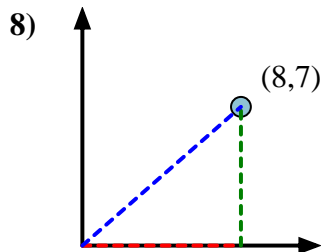
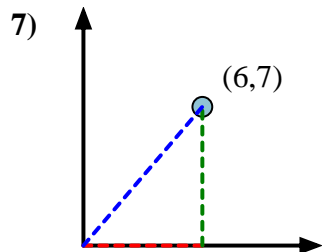
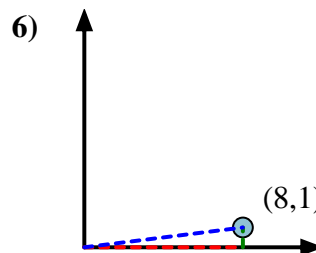
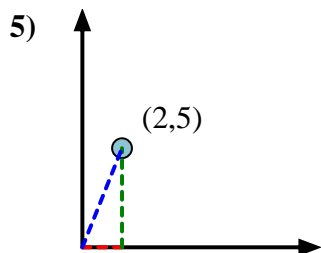
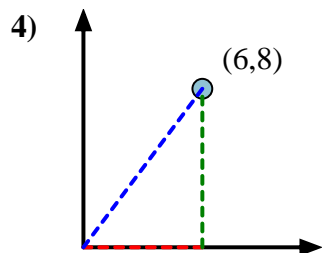
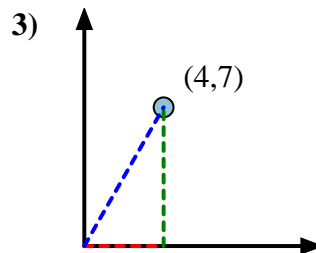
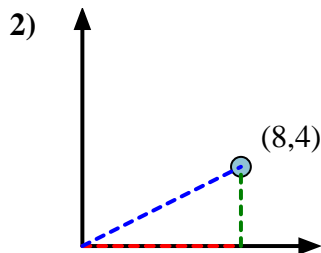
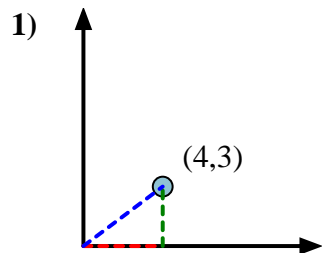


First find the slope.  
 $(y_2 - y_1) \div (x_2 - x_1) = m$   
 $(5 - 0) \div (4 - 0) = 1.25$

Then find the arc tangent (aka. inverse tangent) of the slope.  
 $\arctan(1.25) = 51.34^\circ$



Answers



1. 36.87
2. 26.57
3. 60.26
4. 53.13
5. 68.20
6. 7.13
7. 49.40
8. 41.19
9. 40.60
10. 26.57
11. 45.00
12. 45.00



Calculate the angle of the circle relative to (0,0).

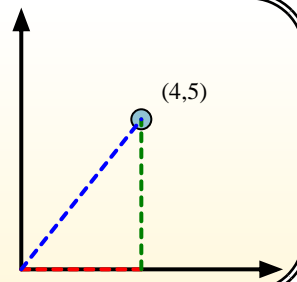
First find the slope.

$$(y_2 - y_1) \div (x_2 - x_1) = m$$

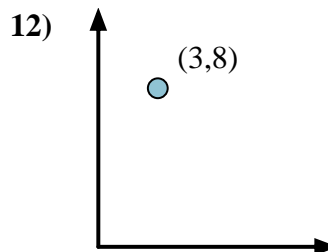
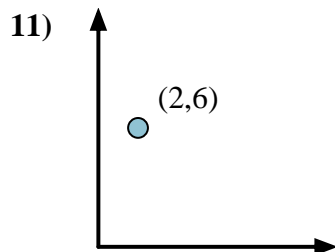
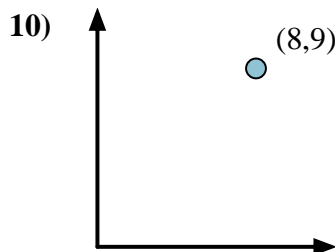
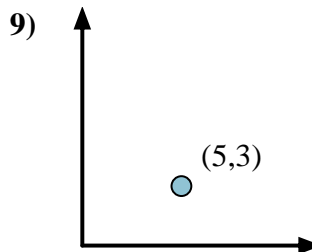
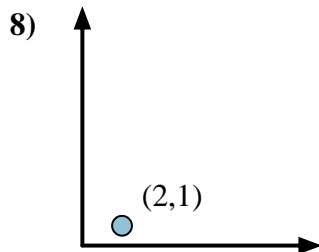
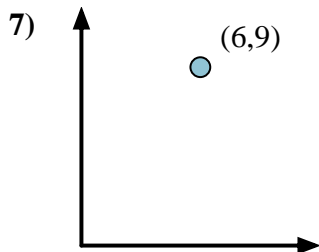
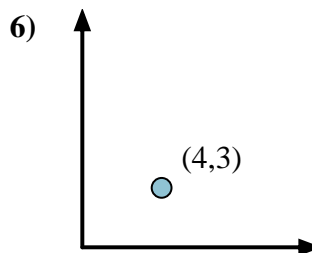
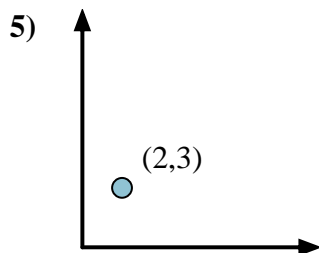
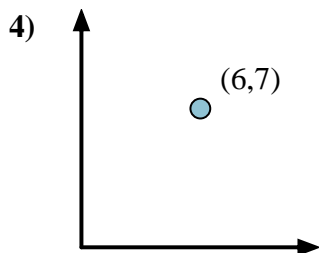
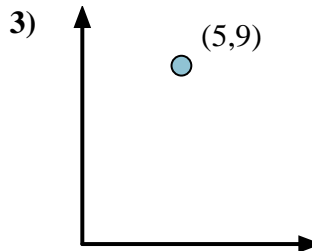
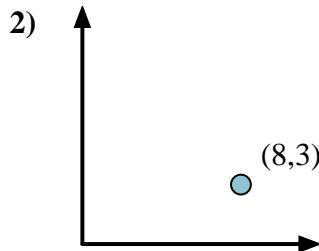
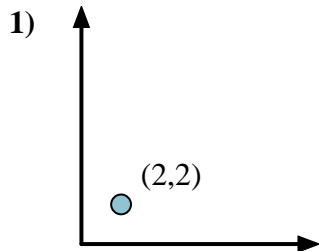
$$(5 - 0) \div (4 - 0) = 1.25$$

Then find the arc tangent (aka. inverse tangent) of the slope.

$$\arctan(1.25) = 51.34^\circ$$



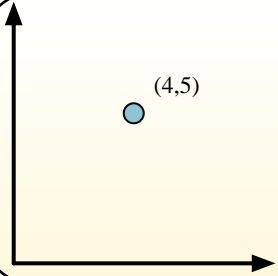
## Answers



1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_
10. \_\_\_\_\_
11. \_\_\_\_\_
12. \_\_\_\_\_

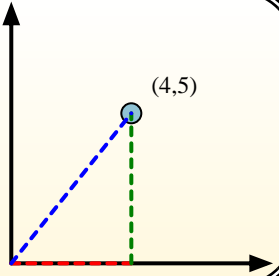


Calculate the angle of the circle relative to (0,0).

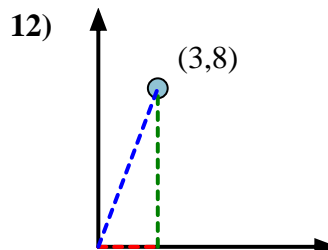
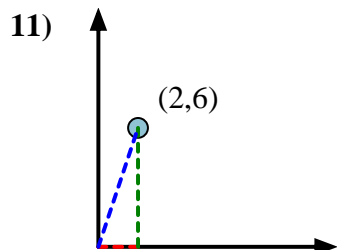
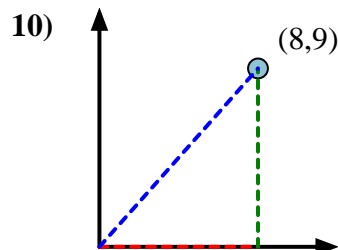
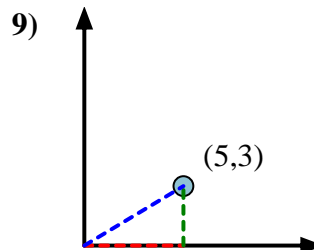
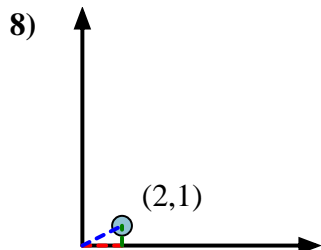
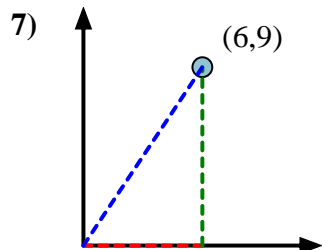
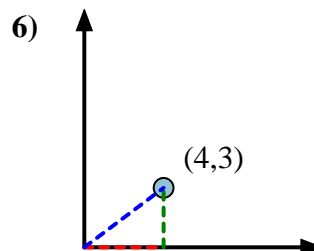
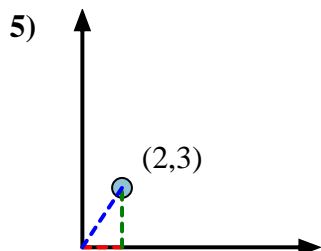
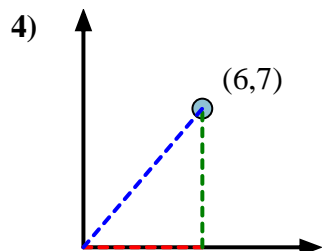
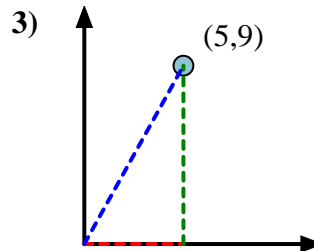
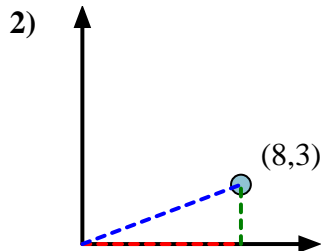
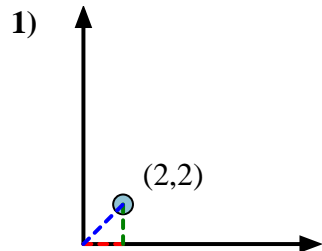


First find the slope.  
 $(y_2 - y_1) \div (x_2 - x_1) = m$   
 $(5 - 0) \div (4 - 0) = 1.25$

Then find the arc tangent (aka. inverse tangent) of the slope.  
 $\arctan(1.25) = 51.34^\circ$



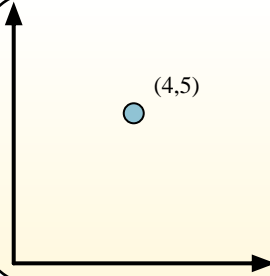
**Answers**



1. 45.00
2. 20.56
3. 60.95
4. 49.40
5. 56.31
6. 36.87
7. 56.31
8. 26.57
9. 30.96
10. 48.37
11. 71.57
12. 69.44

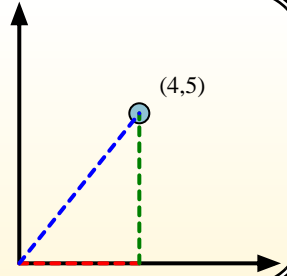


Calculate the angle of the circle relative to (0,0).

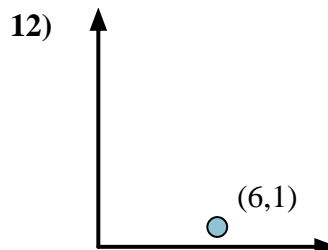
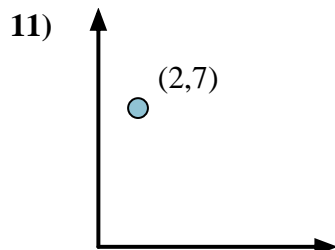
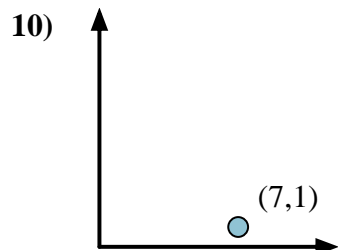
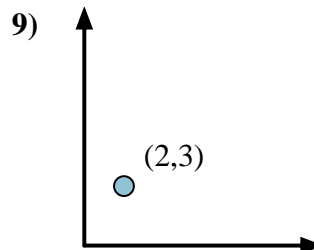
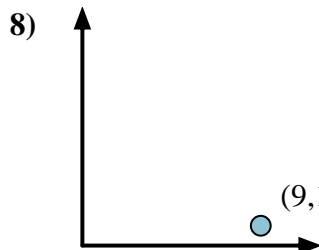
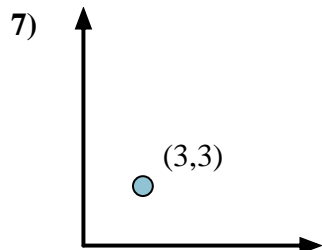
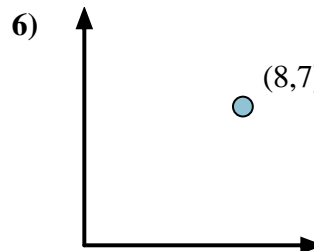
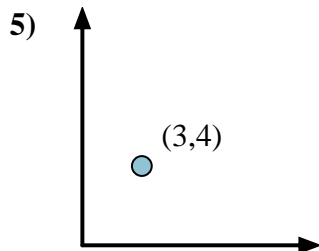
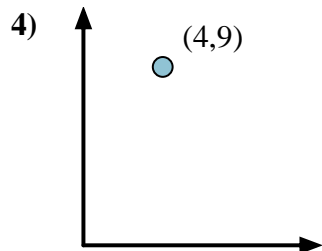
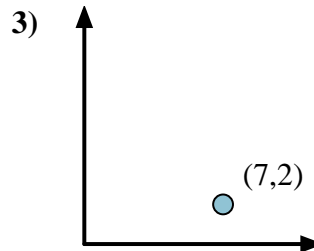
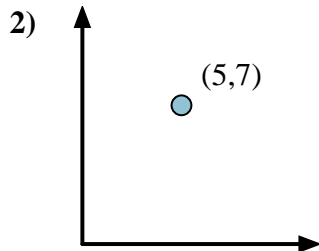
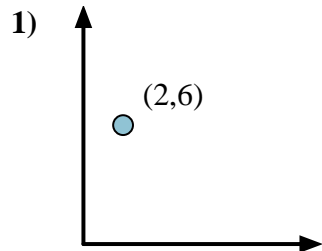


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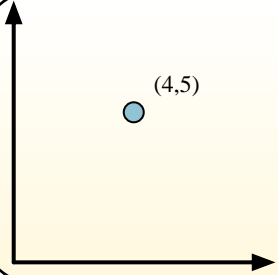
## Answers



1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
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7. \_\_\_\_\_
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11. \_\_\_\_\_
12. \_\_\_\_\_

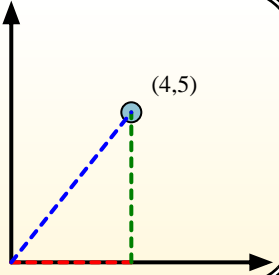


Calculate the angle of the circle relative to (0,0).

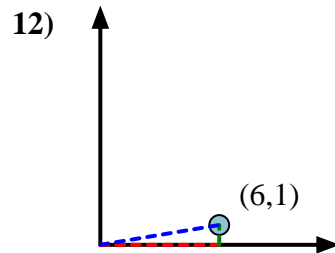
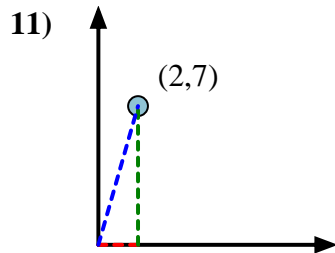
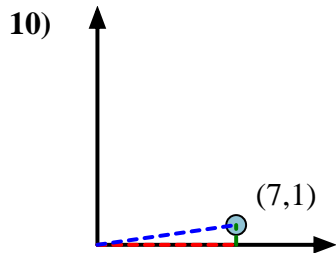
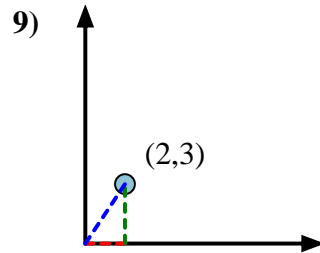
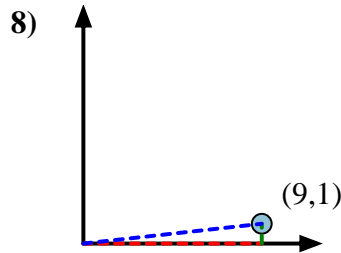
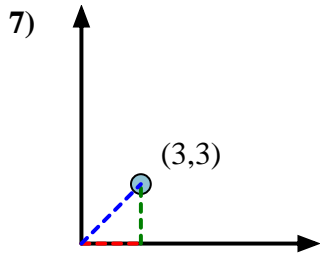
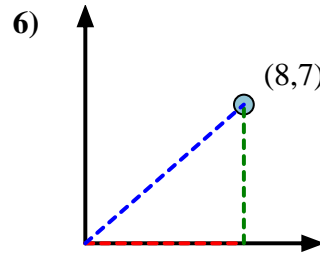
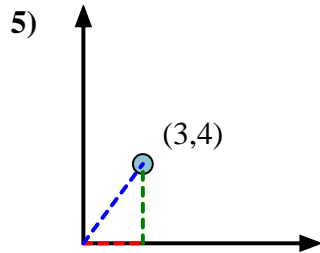
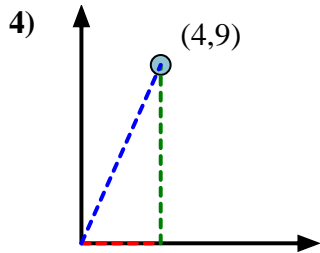
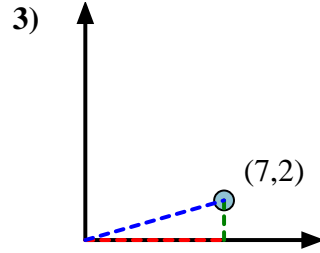
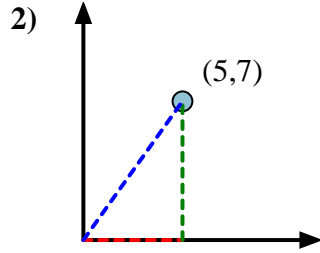
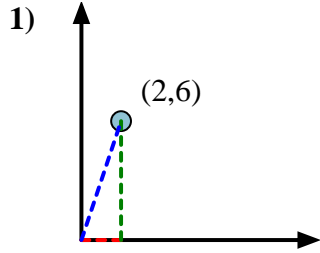


First find the slope.  
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 $\arctan(1.25) = 51.34^\circ$



**Answers**



1. 71.57
2. 54.46
3. 15.95
4. 66.04
5. 53.13
6. 41.19
7. 45.00
8. 6.34
9. 56.31
10. 8.13
11. 74.05
12. 9.46



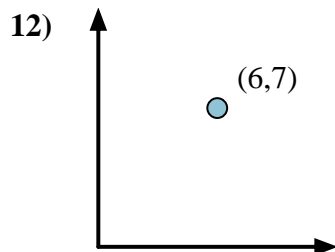
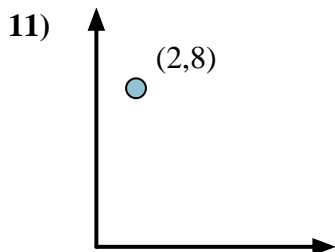
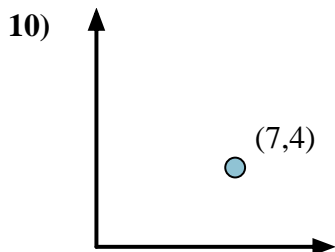
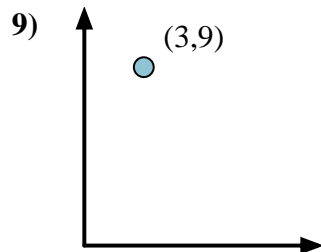
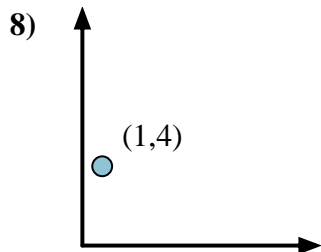
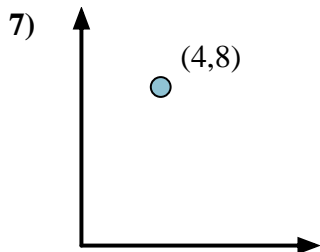
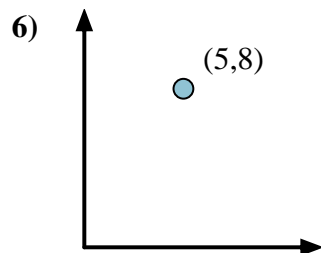
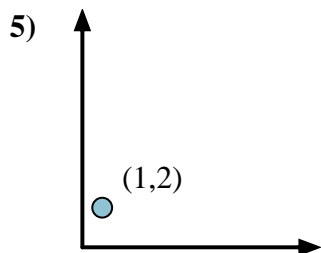
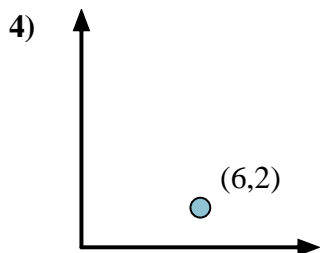
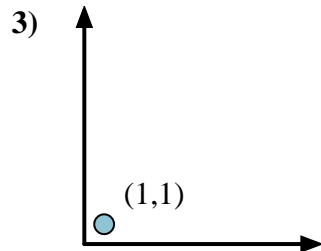
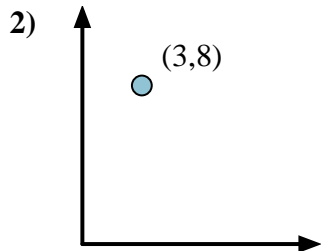
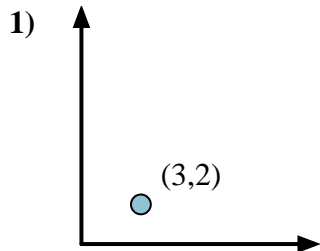


Calculate the angle of the circle relative to (0,0).

First find the slope.  
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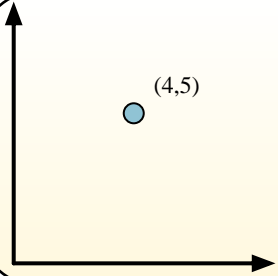
**Answers**



1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
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11. \_\_\_\_\_
12. \_\_\_\_\_

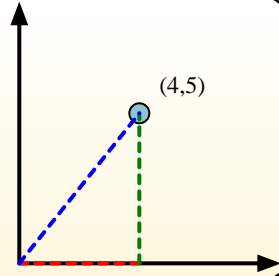


Calculate the angle of the circle relative to (0,0).

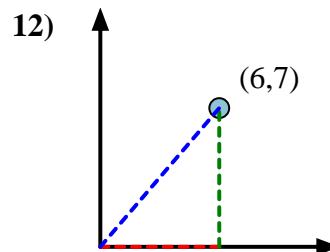
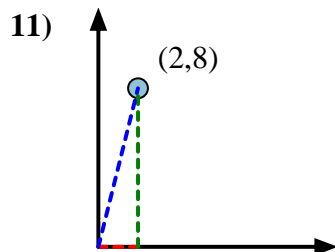
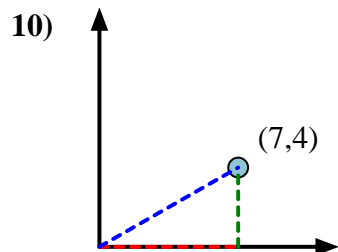
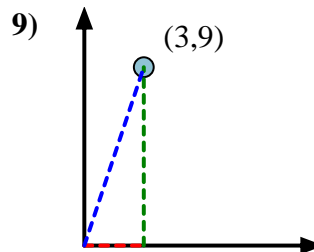
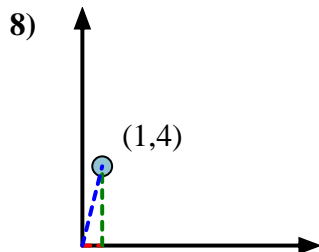
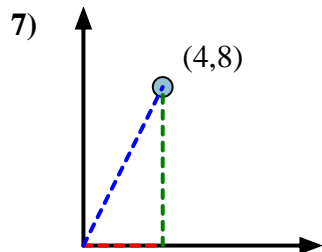
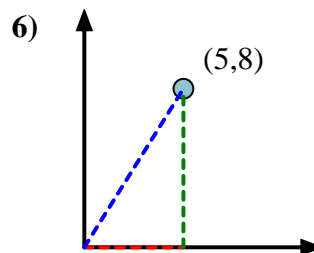
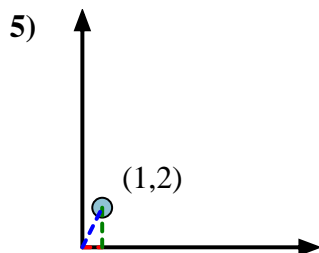
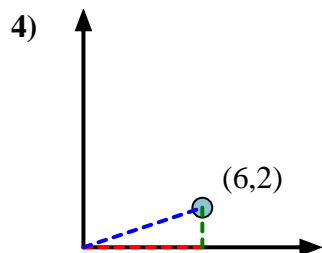
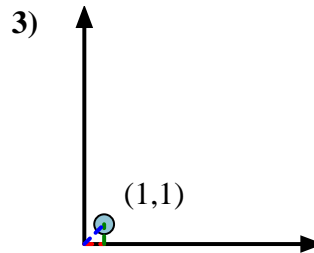
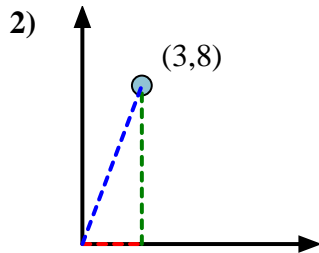
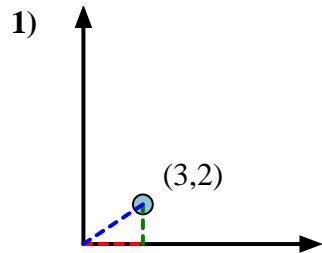


First find the slope.  
 $(y_2 - y_1) \div (x_2 - x_1) = m$   
 $(5 - 0) \div (4 - 0) = 1.25$

Then find the arc tangent (aka. inverse tangent) of the slope.  
 $\arctan(1.25) = 51.34^\circ$



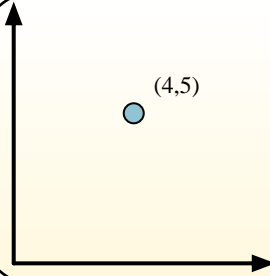
Answers



1. 33.69
2. 69.44
3. 45.00
4. 18.43
5. 63.43
6. 57.99
7. 63.43
8. 75.96
9. 71.57
10. 29.74
11. 75.96
12. 49.40

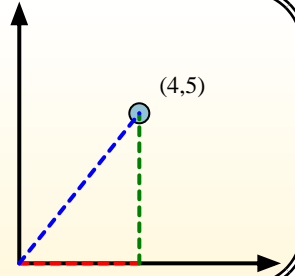


Calculate the angle of the circle relative to (0,0).

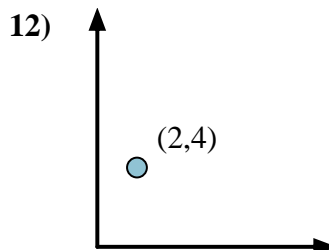
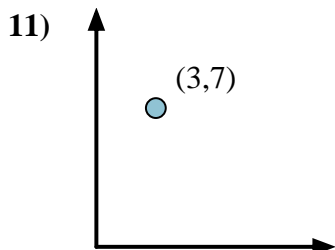
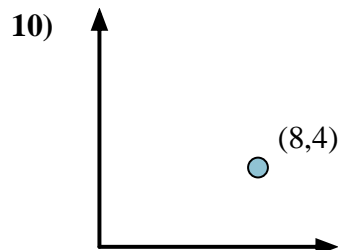
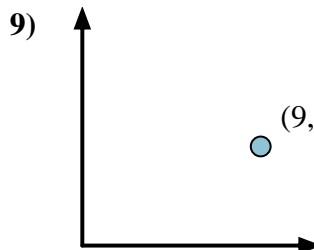
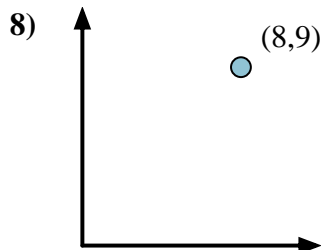
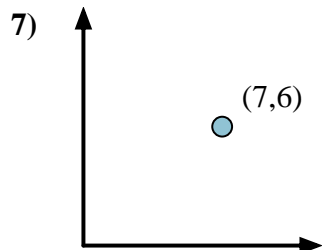
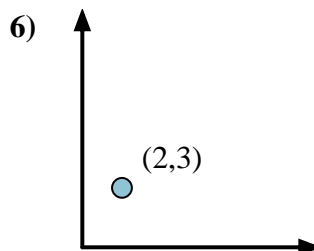
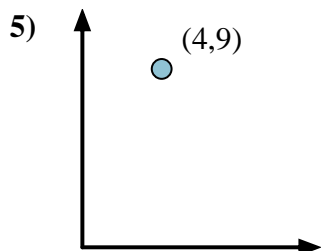
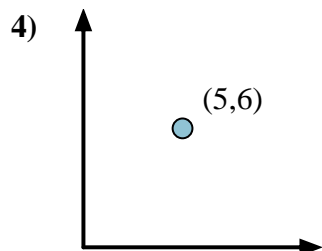
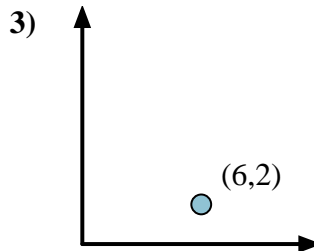
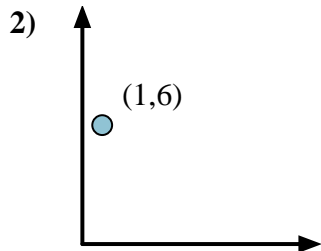
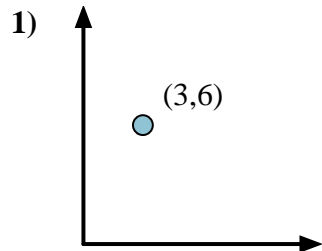


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Then find the arc tangent (aka. inverse tangent) of the slope.  
 $\arctan(1.25) = 51.34^\circ$



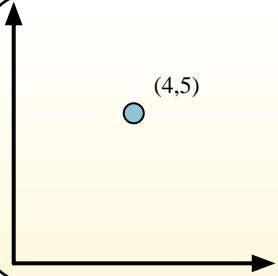
**Answers**



1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_
10. \_\_\_\_\_
11. \_\_\_\_\_
12. \_\_\_\_\_

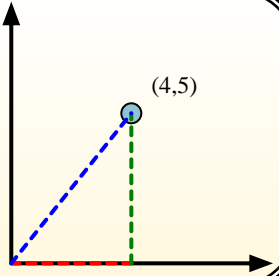


Calculate the angle of the circle relative to (0,0).

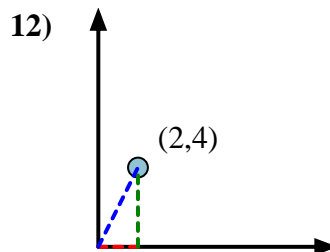
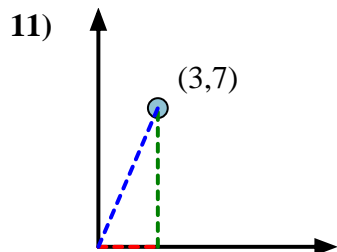
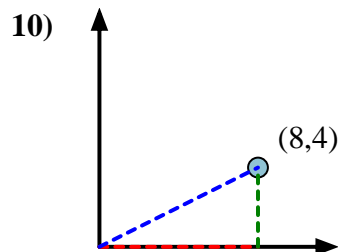
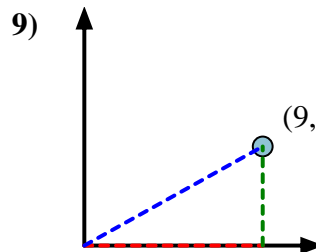
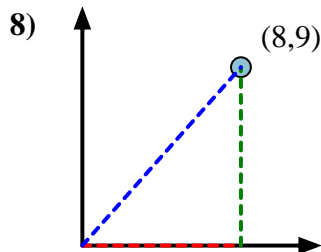
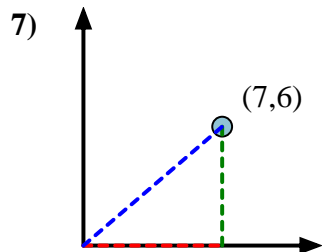
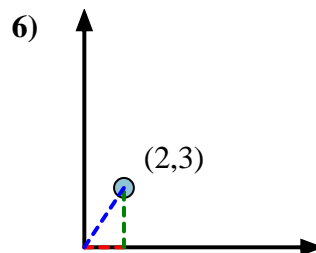
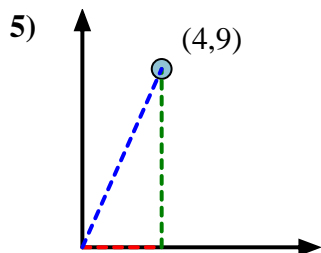
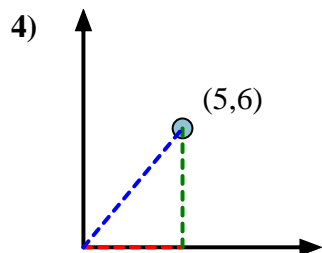
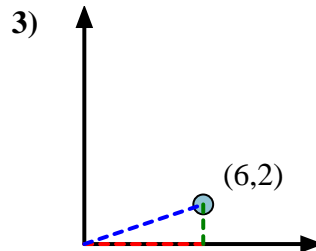
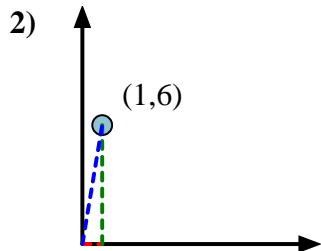
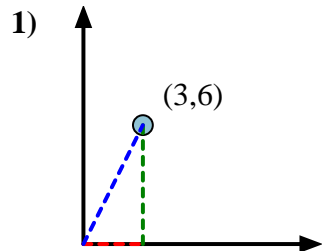


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Then find the arc tangent (aka. inverse tangent) of the slope.  
 $\arctan(1.25) = 51.34^\circ$



Answers



1. 63.43
2. 80.54
3. 18.43
4. 50.19
5. 66.04
6. 56.31
7. 40.60
8. 48.37
9. 29.05
10. 26.57
11. 66.80
12. 63.43