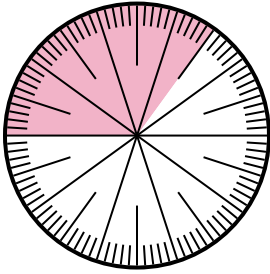


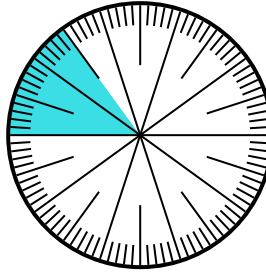


Solve each problem.

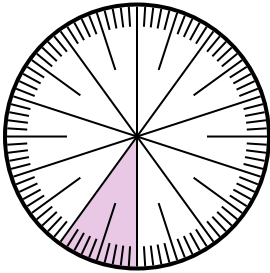
- 1) Express the shaded portion as a fraction of the whole with a 100 as the denominator.



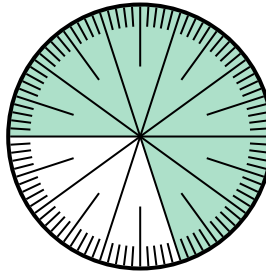
- 2) Express the shaded portion as a decimal of the whole.



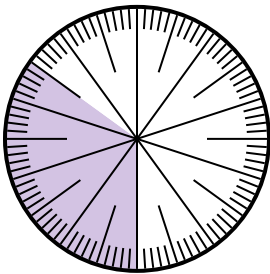
- 3) Express the shaded portion as a decimal of the whole.



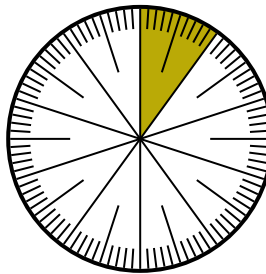
- 4) Express the un-shaded portion as a fraction of the whole with a 100 as the denominator.



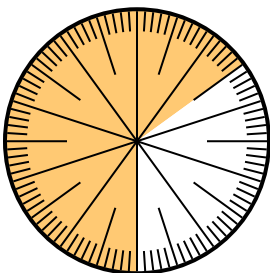
- 5) Express the shaded portion as a decimal of the whole.



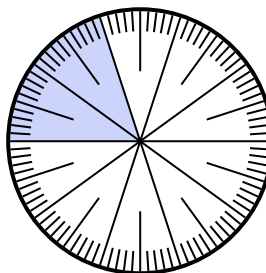
- 6) Express the un-shaded portion as a decimal of the whole.



- 7) Express the un-shaded portion as a decimal of the whole.



- 8) Express the un-shaded portion as a fraction of the whole with a 100 as the denominator.



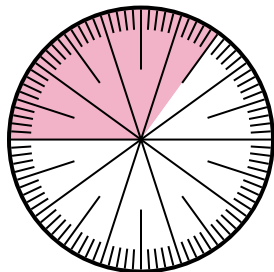
Answers

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_

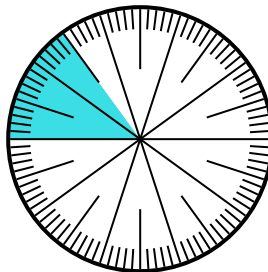


Solve each problem.

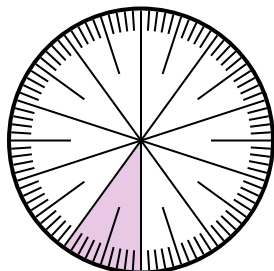
- 1) Express the shaded portion as a fraction of the whole with a 100 as the denominator.



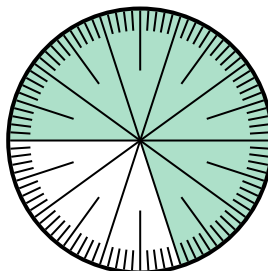
- 2) Express the shaded portion as a decimal of the whole.



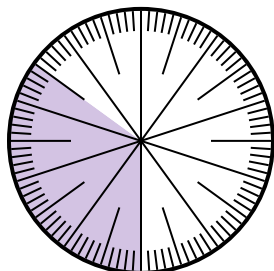
- 3) Express the shaded portion as a decimal of the whole.



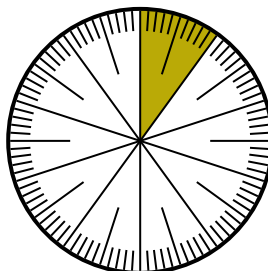
- 4) Express the un-shaded portion as a fraction of the whole with a 100 as the denominator.



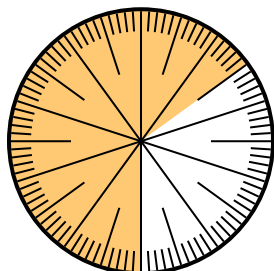
- 5) Express the shaded portion as a decimal of the whole.



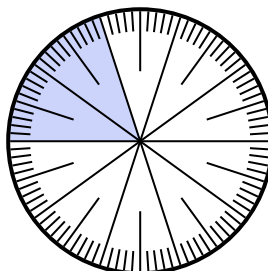
- 6) Express the un-shaded portion as a decimal of the whole.



- 7) Express the un-shaded portion as a decimal of the whole.



- 8) Express the un-shaded portion as a fraction of the whole with a 100 as the denominator.



Answers

1.  $\frac{35}{100}$

2.  $0.15$

3.  $0.1$

4.  $\frac{30}{100}$

5.  $0.35$

6.  $0.9$

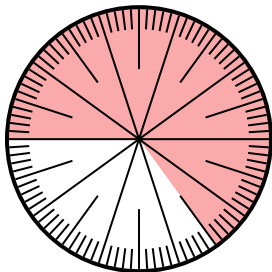
7.  $0.35$

8.  $\frac{80}{100}$

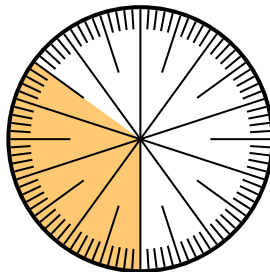


Solve each problem.

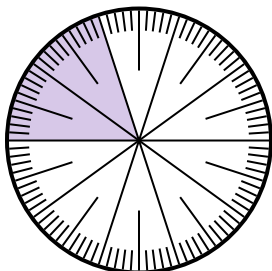
- 1) Express the shaded portion as a fraction of the whole with a 100 as the denominator.



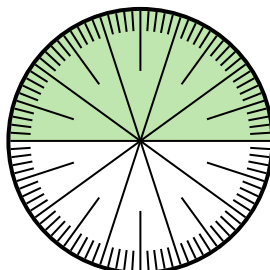
- 2) Express the un-shaded portion as a decimal of the whole.



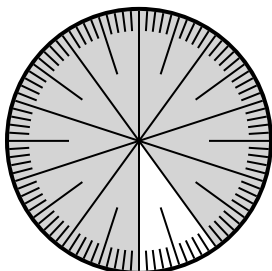
- 3) Express the un-shaded portion as a fraction of the whole with a 10 as the denominator.



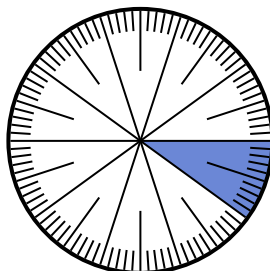
- 4) Express the shaded portion as a fraction of the whole with a 100 as the denominator.



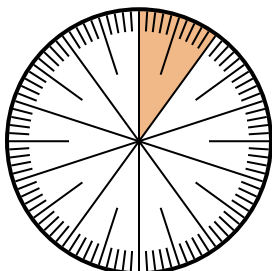
- 5) Express the un-shaded portion as a decimal of the whole.



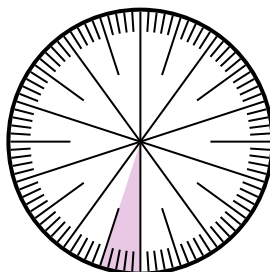
- 6) Express the un-shaded portion as a decimal of the whole.



- 7) Express the shaded portion as a fraction of the whole with a 100 as the denominator.



- 8) Express the shaded portion as a fraction of the whole with a 100 as the denominator.



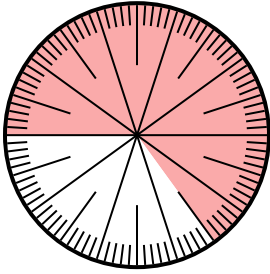
**Answers**

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_

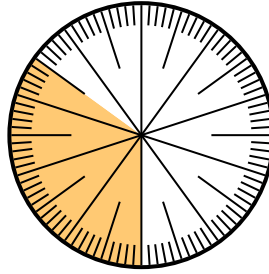


Solve each problem.

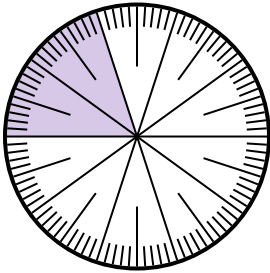
- 1) Express the shaded portion as a fraction of the whole with a 100 as the denominator.



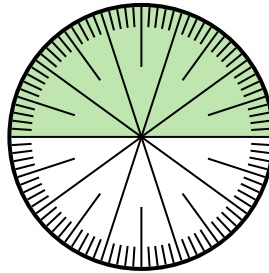
- 2) Express the un-shaded portion as a decimal of the whole.



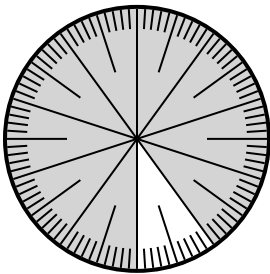
- 3) Express the un-shaded portion as a fraction of the whole with a 10 as the denominator.



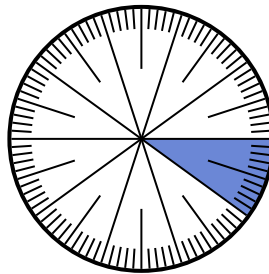
- 4) Express the shaded portion as a fraction of the whole with a 100 as the denominator.



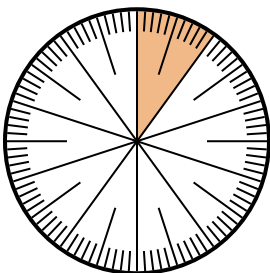
- 5) Express the un-shaded portion as a decimal of the whole.



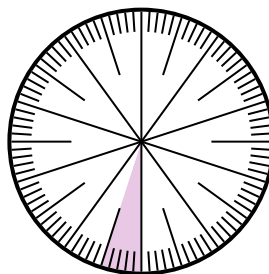
- 6) Express the un-shaded portion as a decimal of the whole.



- 7) Express the shaded portion as a fraction of the whole with a 100 as the denominator.



- 8) Express the shaded portion as a fraction of the whole with a 100 as the denominator.



Answers

1.  $\frac{65}{100}$

2. **0.65**

3.  $\frac{8}{10}$

4.  $\frac{50}{100}$

5. **0.1**

6. **0.9**

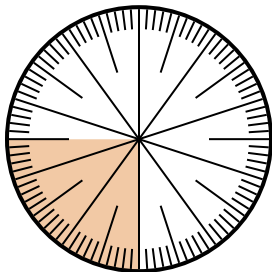
7.  $\frac{10}{100}$

8.  $\frac{5}{100}$

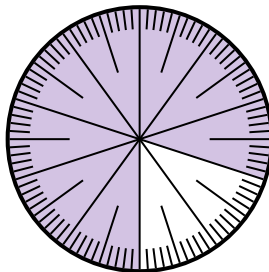


Solve each problem.

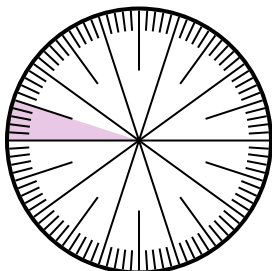
- 1) Express the un-shaded portion as a fraction of the whole with a 100 as the denominator.



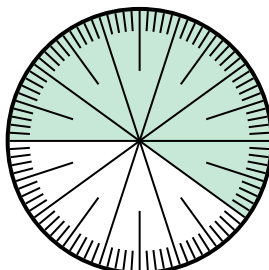
- 2) Express the un-shaded portion as a decimal of the whole.



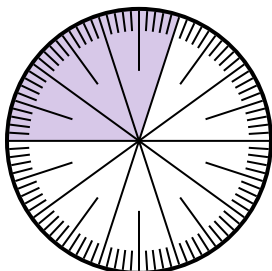
- 3) Express the shaded portion as a fraction of the whole with a 100 as the denominator.



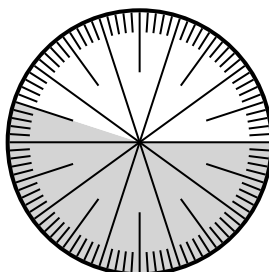
- 4) Express the shaded portion as a fraction of the whole with a 100 as the denominator.



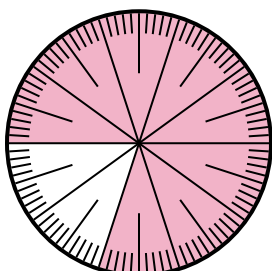
- 5) Express the un-shaded portion as a fraction of the whole with a 100 as the denominator.



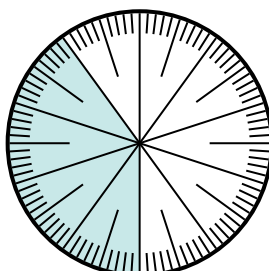
- 6) Express the un-shaded portion as a fraction of the whole with a 100 as the denominator.



- 7) Express the un-shaded portion as a fraction of the whole with a 100 as the denominator.



- 8) Express the un-shaded portion as a decimal of the whole.



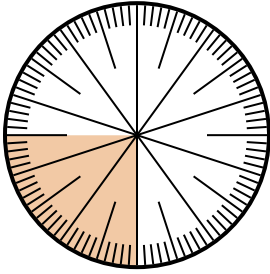
**Answers**

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_

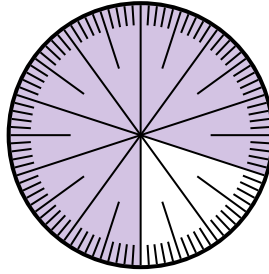


Solve each problem.

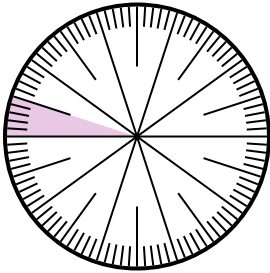
- 1) Express the un-shaded portion as a fraction of the whole with a 100 as the denominator.



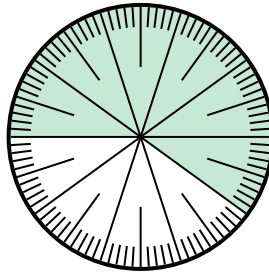
- 2) Express the un-shaded portion as a decimal of the whole.



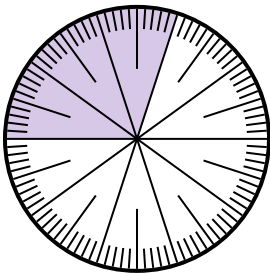
- 3) Express the shaded portion as a fraction of the whole with a 100 as the denominator.



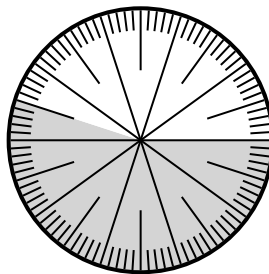
- 4) Express the shaded portion as a fraction of the whole with a 100 as the denominator.



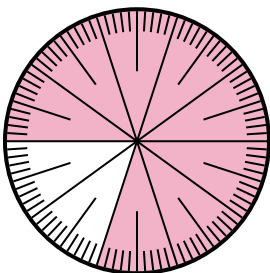
- 5) Express the un-shaded portion as a fraction of the whole with a 100 as the denominator.



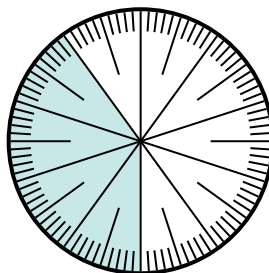
- 6) Express the un-shaded portion as a fraction of the whole with a 100 as the denominator.



- 7) Express the un-shaded portion as a fraction of the whole with a 100 as the denominator.



- 8) Express the un-shaded portion as a decimal of the whole.



Answers

1.  $\frac{75}{100}$

2. **0.2**

3.  $\frac{5}{100}$

4.  $\frac{60}{100}$

5.  $\frac{70}{100}$

6.  $\frac{45}{100}$

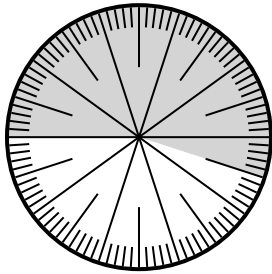
7.  $\frac{20}{100}$

8. **0.6**

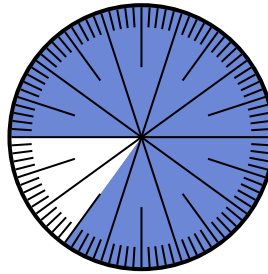


Solve each problem.

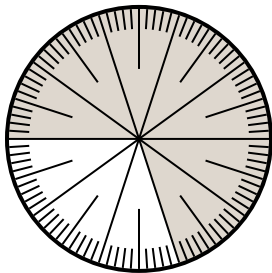
- 1) Express the shaded portion as a decimal of the whole.



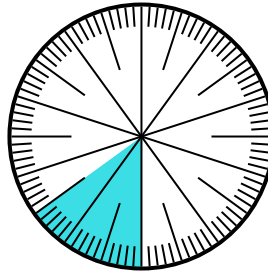
- 2) Express the shaded portion as a fraction of the whole with a 100 as the denominator.



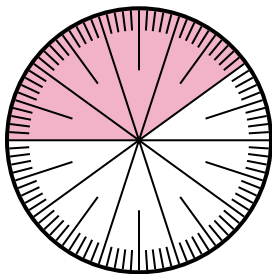
- 3) Express the un-shaded portion as a fraction of the whole with a 10 as the denominator.



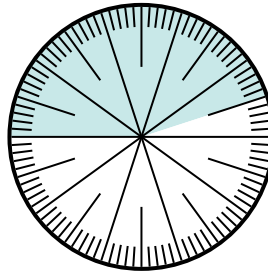
- 4) Express the un-shaded portion as a fraction of the whole with a 100 as the denominator.



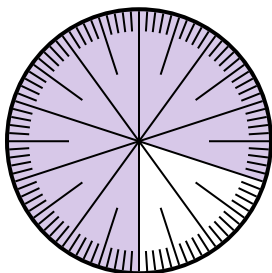
- 5) Express the un-shaded portion as a fraction of the whole with a 10 as the denominator.



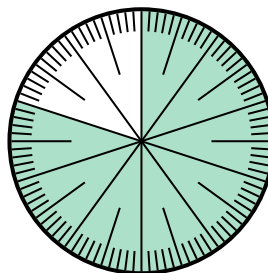
- 6) Express the un-shaded portion as a decimal of the whole.



- 7) Express the shaded portion as a decimal of the whole.



- 8) Express the un-shaded portion as a fraction of the whole with a 100 as the denominator.



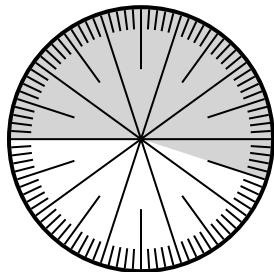
Answers

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_

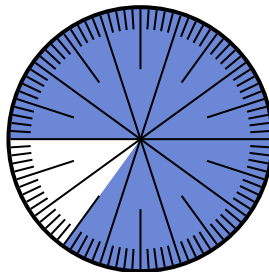


Solve each problem.

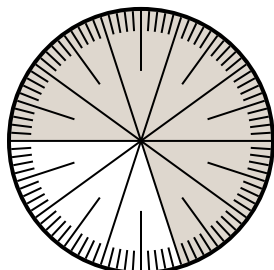
- 1) Express the shaded portion as a decimal of the whole.



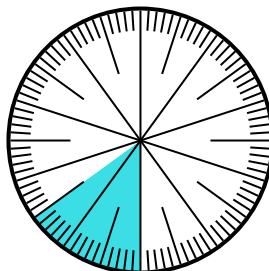
- 2) Express the shaded portion as a fraction of the whole with a 100 as the denominator.



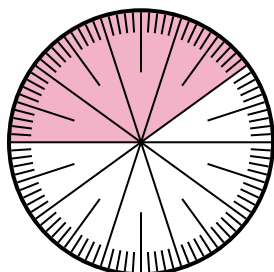
- 3) Express the un-shaded portion as a fraction of the whole with a 10 as the denominator.



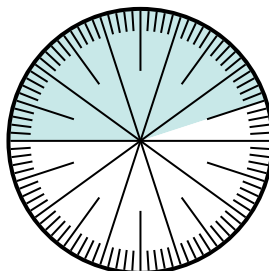
- 4) Express the un-shaded portion as a fraction of the whole with a 100 as the denominator.



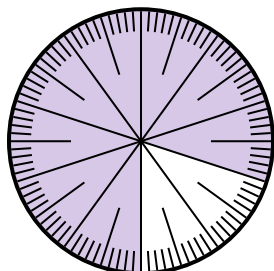
- 5) Express the un-shaded portion as a fraction of the whole with a 10 as the denominator.



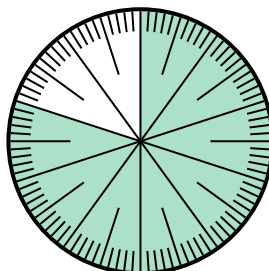
- 6) Express the un-shaded portion as a decimal of the whole.



- 7) Express the shaded portion as a decimal of the whole.



- 8) Express the un-shaded portion as a fraction of the whole with a 100 as the denominator.



Answers

1. 0.55

2.  $\frac{85}{100}$

3.  $\frac{3}{10}$

4.  $\frac{85}{100}$

5.  $\frac{6}{10}$

6. 0.55

7. 0.8

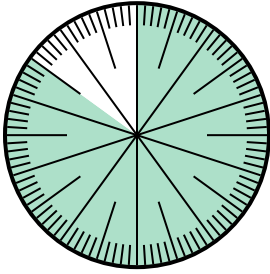
8.  $\frac{20}{100}$



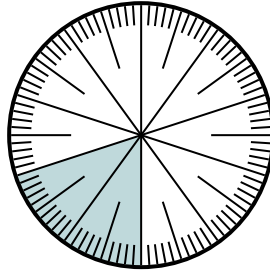


Solve each problem.

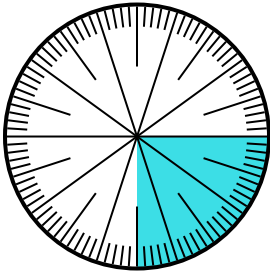
- 1) Express the un-shaded portion as a fraction of the whole with a 100 as the denominator.



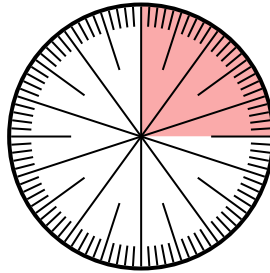
- 2) Express the shaded portion as a decimal of the whole.



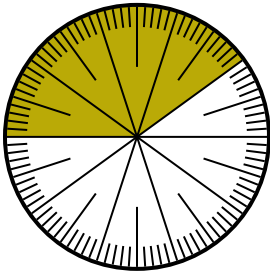
- 3) Express the shaded portion as a decimal of the whole.



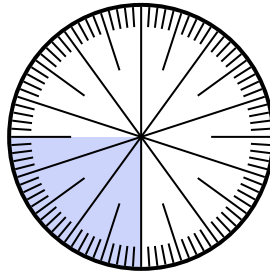
- 4) Express the un-shaded portion as a decimal of the whole.



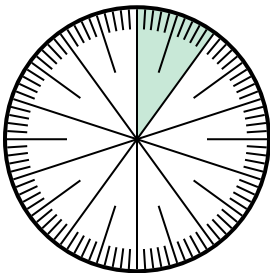
- 5) Express the un-shaded portion as a fraction of the whole with a 100 as the denominator.



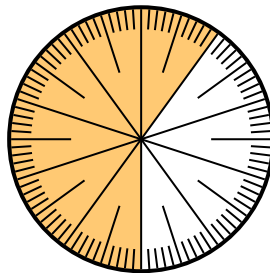
- 6) Express the un-shaded portion as a decimal of the whole.



- 7) Express the un-shaded portion as a decimal of the whole.



- 8) Express the shaded portion as a decimal of the whole.



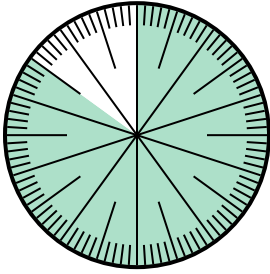
**Answers**

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_

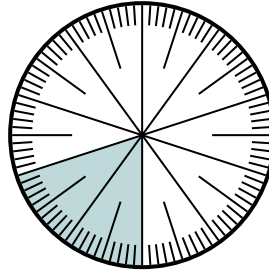


Solve each problem.

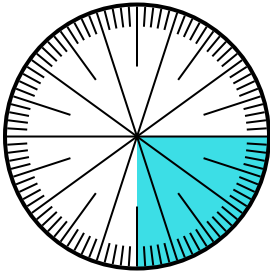
- 1) Express the un-shaded portion as a fraction of the whole with a 100 as the denominator.



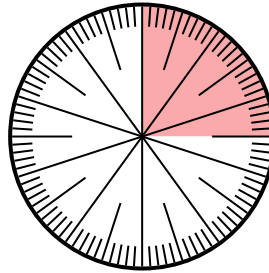
- 2) Express the shaded portion as a decimal of the whole.



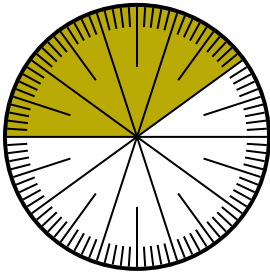
- 3) Express the shaded portion as a decimal of the whole.



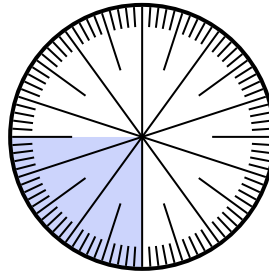
- 4) Express the un-shaded portion as a decimal of the whole.



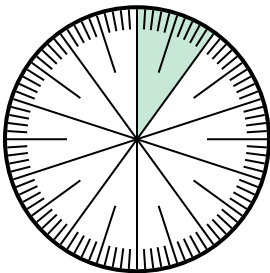
- 5) Express the un-shaded portion as a fraction of the whole with a 100 as the denominator.



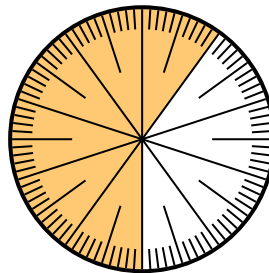
- 6) Express the un-shaded portion as a decimal of the whole.



- 7) Express the un-shaded portion as a decimal of the whole.



- 8) Express the shaded portion as a decimal of the whole.



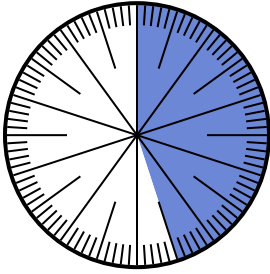
Answers

1. 15/100
2. 0.2
3. 0.25
4. 0.75
5. 60/100
6. 0.75
7. 0.9
8. 0.6

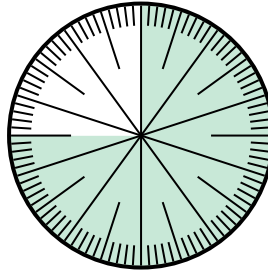


Solve each problem.

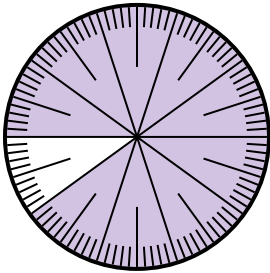
- 1) Express the un-shaded portion as a decimal of the whole.



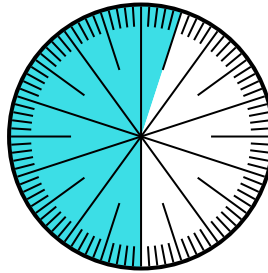
- 2) Express the un-shaded portion as a fraction of the whole with a 100 as the denominator.



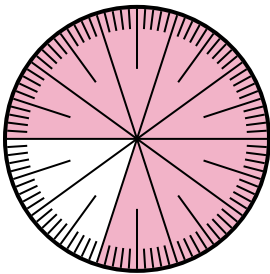
- 3) Express the un-shaded portion as a fraction of the whole with a 100 as the denominator.



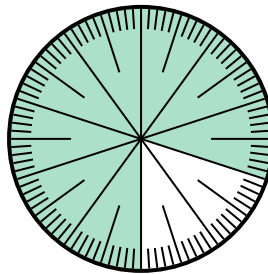
- 4) Express the shaded portion as a fraction of the whole with a 100 as the denominator.



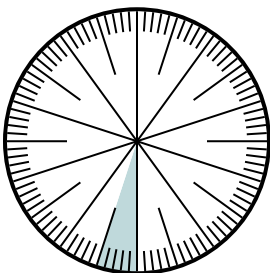
- 5) Express the shaded portion as a fraction of the whole with a 100 as the denominator.



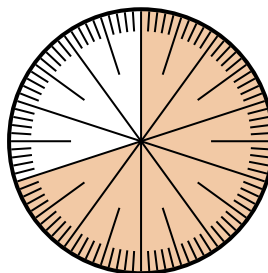
- 6) Express the shaded portion as a decimal of the whole.



- 7) Express the shaded portion as a fraction of the whole with a 100 as the denominator.



- 8) Express the shaded portion as a fraction of the whole with a 100 as the denominator.



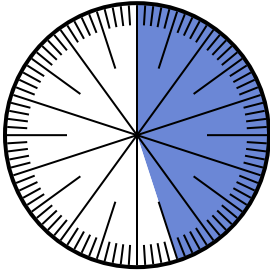
Answers

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_

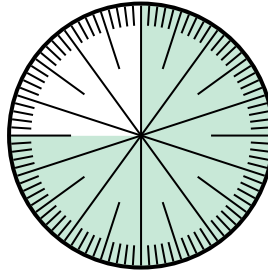


Solve each problem.

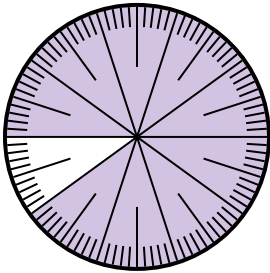
- 1) Express the un-shaded portion as a decimal of the whole.



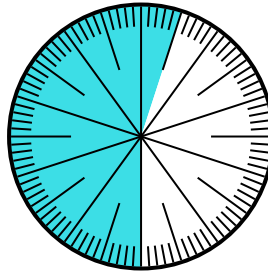
- 2) Express the un-shaded portion as a fraction of the whole with a 100 as the denominator.



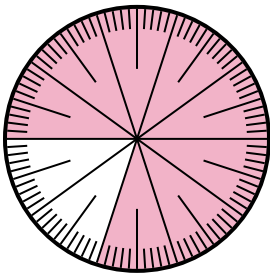
- 3) Express the un-shaded portion as a fraction of the whole with a 100 as the denominator.



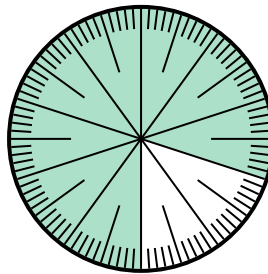
- 4) Express the shaded portion as a fraction of the whole with a 100 as the denominator.



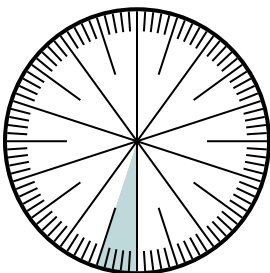
- 5) Express the shaded portion as a fraction of the whole with a 100 as the denominator.



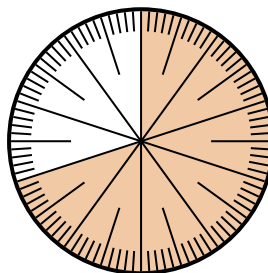
- 6) Express the shaded portion as a decimal of the whole.



- 7) Express the shaded portion as a fraction of the whole with a 100 as the denominator.



- 8) Express the shaded portion as a fraction of the whole with a 100 as the denominator.



Answers

1. 0.55

2.  $\frac{25}{100}$

3.  $\frac{10}{100}$

4.  $\frac{55}{100}$

5.  $\frac{80}{100}$

6. 0.8

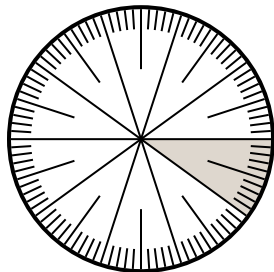
7.  $\frac{5}{100}$

8.  $\frac{70}{100}$

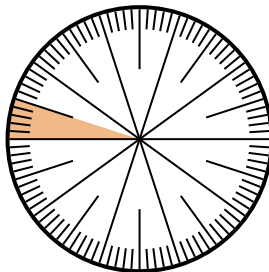


Solve each problem.

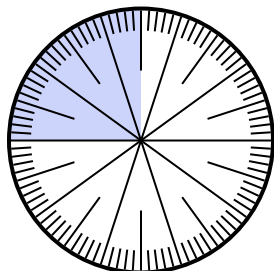
- 1) Express the un-shaded portion as a decimal of the whole.



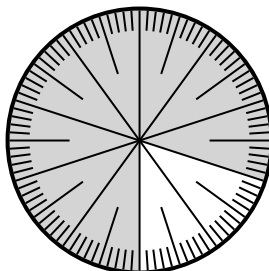
- 2) Express the un-shaded portion as a decimal of the whole.



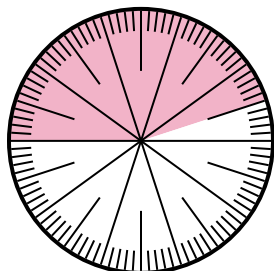
- 3) Express the shaded portion as a fraction of the whole with a 100 as the denominator.



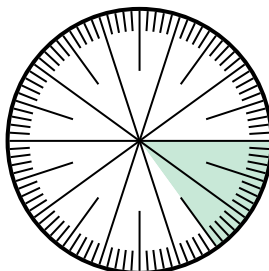
- 4) Express the un-shaded portion as a decimal of the whole.



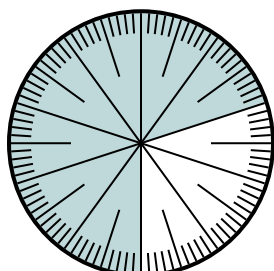
- 5) Express the un-shaded portion as a fraction of the whole with a 100 as the denominator.



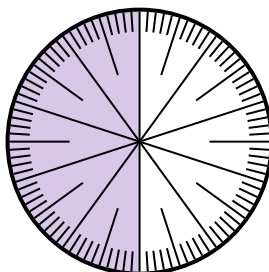
- 6) Express the shaded portion as a decimal of the whole.



- 7) Express the un-shaded portion as a fraction of the whole with a 100 as the denominator.



- 8) Express the un-shaded portion as a fraction of the whole with a 10 as the denominator.



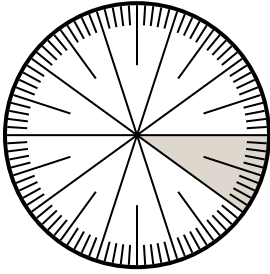
Answers

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_

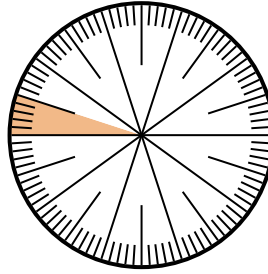


Solve each problem.

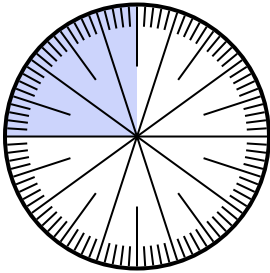
- 1) Express the un-shaded portion as a decimal of the whole.



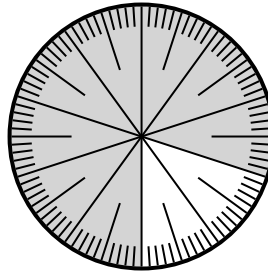
- 2) Express the un-shaded portion as a decimal of the whole.



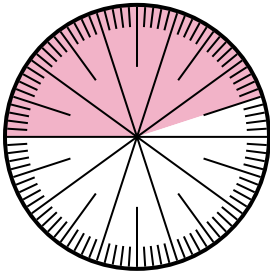
- 3) Express the shaded portion as a fraction of the whole with a 100 as the denominator.



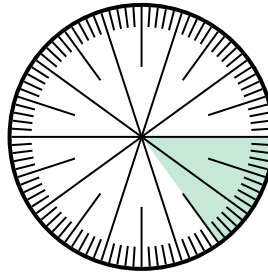
- 4) Express the un-shaded portion as a decimal of the whole.



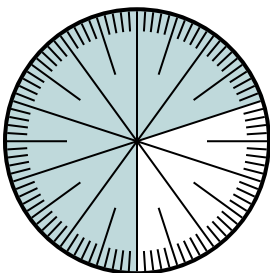
- 5) Express the un-shaded portion as a fraction of the whole with a 100 as the denominator.



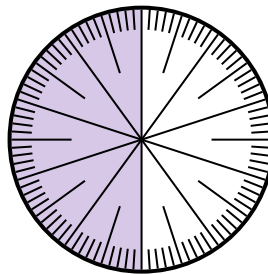
- 6) Express the shaded portion as a decimal of the whole.



- 7) Express the un-shaded portion as a fraction of the whole with a 100 as the denominator.



- 8) Express the un-shaded portion as a fraction of the whole with a 10 as the denominator.



Answers

1. 0.9

2. 0.5

3.  $\frac{3}{10}$

4. 0

5.  $\frac{3}{10}$

6. 0

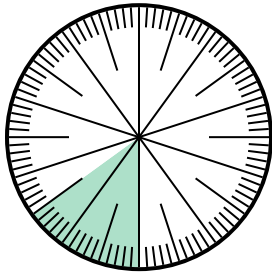
7.  $\frac{2}{10}$

8.  $\frac{5}{10}$

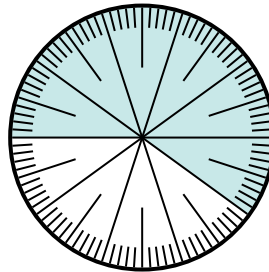


Solve each problem.

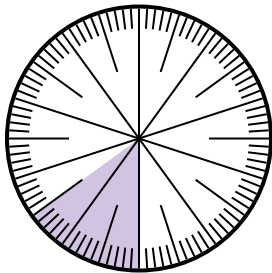
- 1) Express the un-shaded portion as a fraction of the whole with a 100 as the denominator.



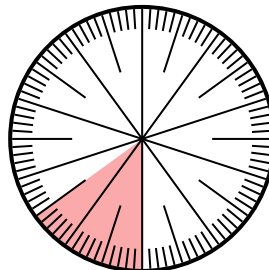
- 2) Express the shaded portion as a fraction of the whole with a 100 as the denominator.



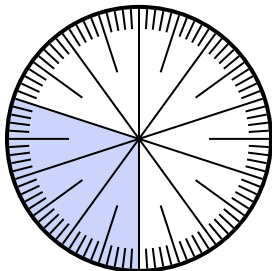
- 3) Express the shaded portion as a fraction of the whole with a 100 as the denominator.



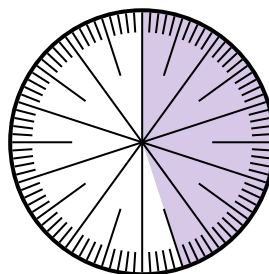
- 4) Express the shaded portion as a fraction of the whole with a 100 as the denominator.



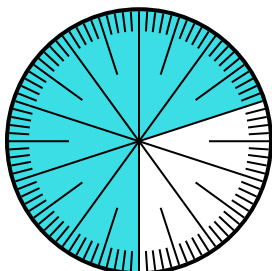
- 5) Express the shaded portion as a fraction of the whole with a 100 as the denominator.



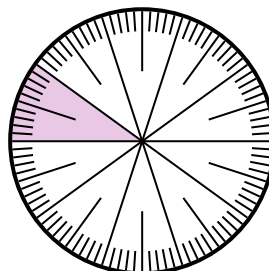
- 6) Express the shaded portion as a fraction of the whole with a 100 as the denominator.



- 7) Express the shaded portion as a fraction of the whole with a 100 as the denominator.



- 8) Express the shaded portion as a decimal of the whole.



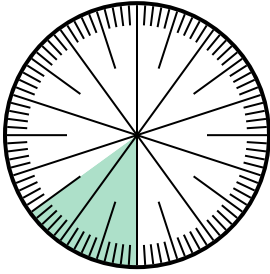
Answers

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_

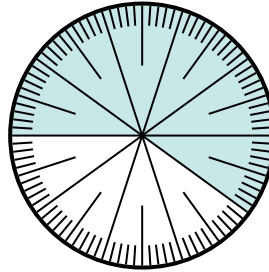


Solve each problem.

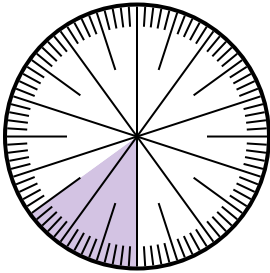
- 1) Express the un-shaded portion as a fraction of the whole with a 100 as the denominator.



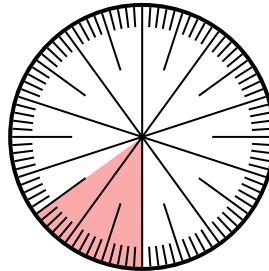
- 2) Express the shaded portion as a fraction of the whole with a 100 as the denominator.



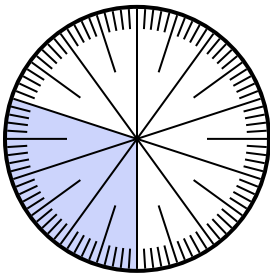
- 3) Express the shaded portion as a fraction of the whole with a 100 as the denominator.



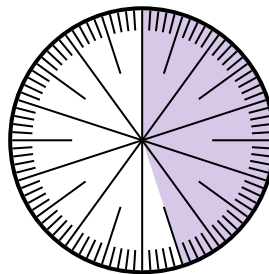
- 4) Express the shaded portion as a fraction of the whole with a 100 as the denominator.



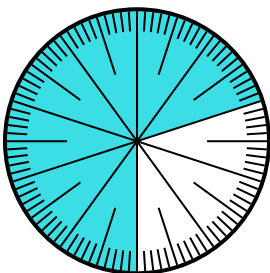
- 5) Express the shaded portion as a fraction of the whole with a 100 as the denominator.



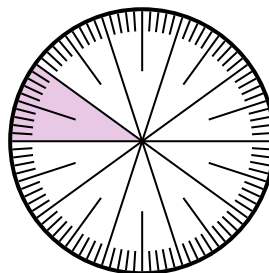
- 6) Express the shaded portion as a fraction of the whole with a 100 as the denominator.



- 7) Express the shaded portion as a fraction of the whole with a 100 as the denominator.



- 8) Express the shaded portion as a decimal of the whole.



Answers

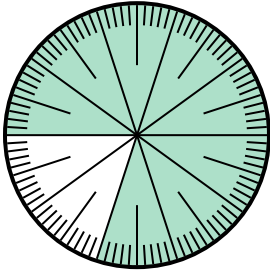
1.  $\frac{85}{100}$
2.  $\frac{60}{100}$
3.  $\frac{15}{100}$
4.  $\frac{15}{100}$
5.  $\frac{30}{100}$
6.  $\frac{45}{100}$
7.  $\frac{70}{100}$
8. **0.1**



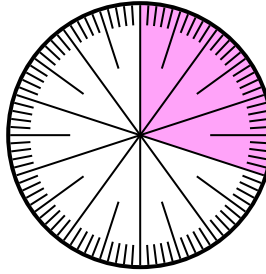


Solve each problem.

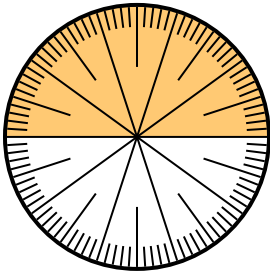
- 1) Express the shaded portion as a decimal of the whole.



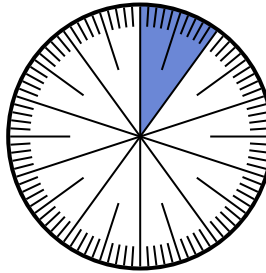
- 2) Express the shaded portion as a fraction of the whole with a 100 as the denominator.



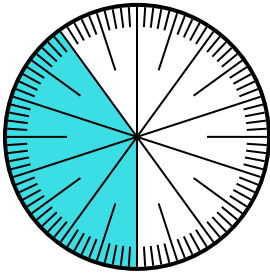
- 3) Express the shaded portion as a fraction of the whole with a 100 as the denominator.



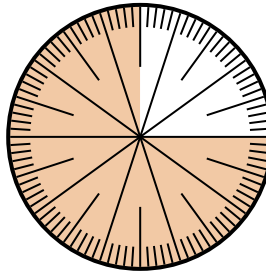
- 4) Express the un-shaded portion as a decimal of the whole.



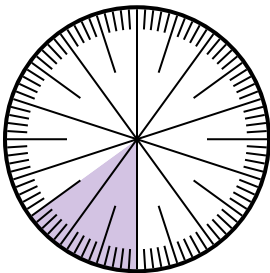
- 5) Express the shaded portion as a decimal of the whole.



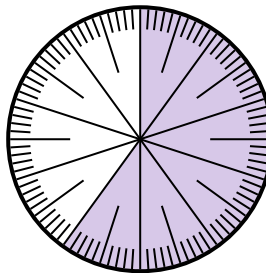
- 6) Express the un-shaded portion as a decimal of the whole.



- 7) Express the un-shaded portion as a decimal of the whole.



- 8) Express the un-shaded portion as a fraction of the whole with a 100 as the denominator.



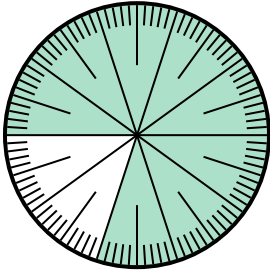
**Answers**

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_

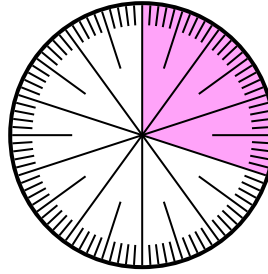


Solve each problem.

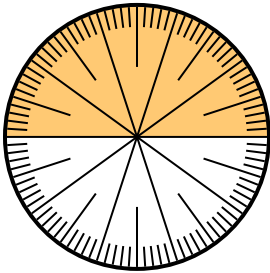
- 1) Express the shaded portion as a decimal of the whole.



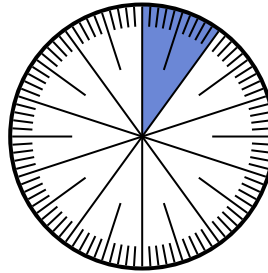
- 2) Express the shaded portion as a fraction of the whole with a 100 as the denominator.



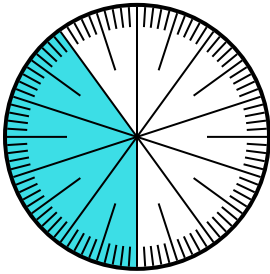
- 3) Express the shaded portion as a fraction of the whole with a 100 as the denominator.



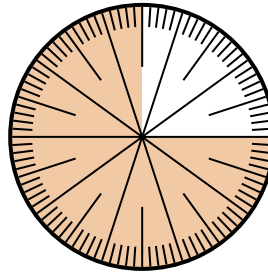
- 4) Express the un-shaded portion as a decimal of the whole.



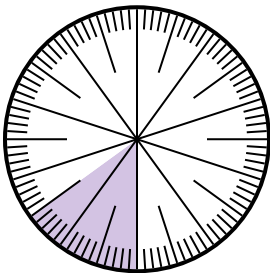
- 5) Express the shaded portion as a decimal of the whole.



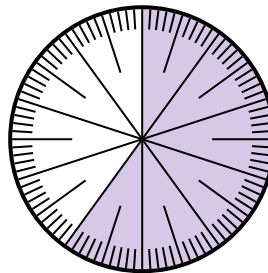
- 6) Express the un-shaded portion as a decimal of the whole.



- 7) Express the un-shaded portion as a decimal of the whole.



- 8) Express the un-shaded portion as a fraction of the whole with a 100 as the denominator.



Answers

1. 0.8

2.  $\frac{30}{100}$

3.  $\frac{50}{100}$

4. 0.9

5. 0.4

6. 0.25

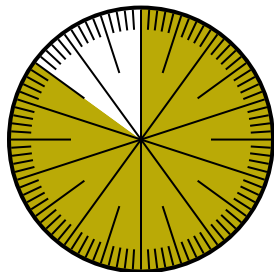
7. 0.85

8.  $\frac{40}{100}$

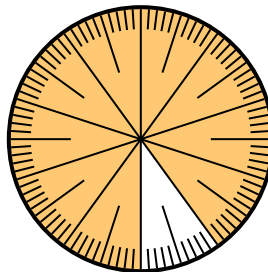


Solve each problem.

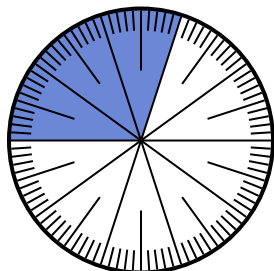
- 1) Express the shaded portion as a fraction of the whole with a 100 as the denominator.



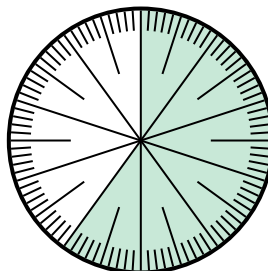
- 2) Express the shaded portion as a decimal of the whole.



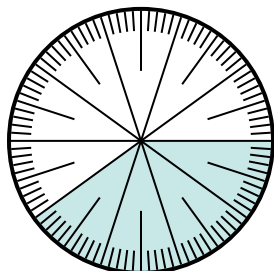
- 3) Express the shaded portion as a decimal of the whole.



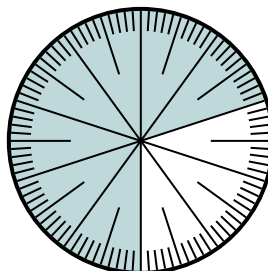
- 4) Express the shaded portion as a fraction of the whole with a 10 as the denominator.



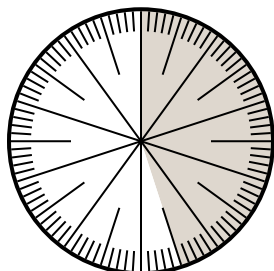
- 5) Express the shaded portion as a decimal of the whole.



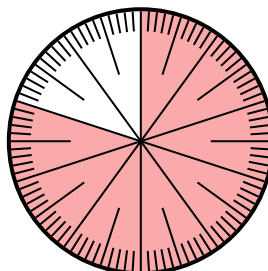
- 6) Express the shaded portion as a fraction of the whole with a 100 as the denominator.



- 7) Express the shaded portion as a decimal of the whole.



- 8) Express the shaded portion as a fraction of the whole with a 100 as the denominator.



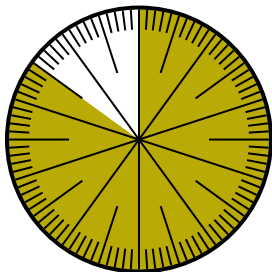
**Answers**

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_

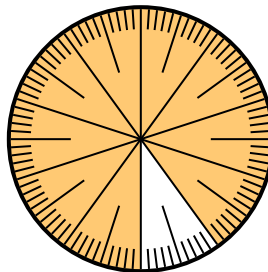


Solve each problem.

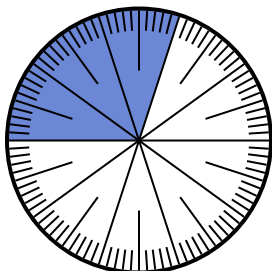
- 1) Express the shaded portion as a fraction of the whole with a 100 as the denominator.



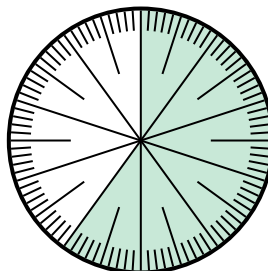
- 2) Express the shaded portion as a decimal of the whole.



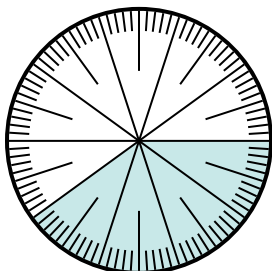
- 3) Express the shaded portion as a decimal of the whole.



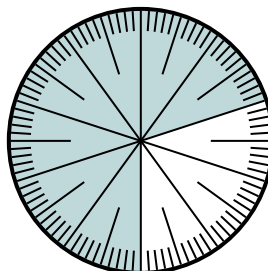
- 4) Express the shaded portion as a fraction of the whole with a 10 as the denominator.



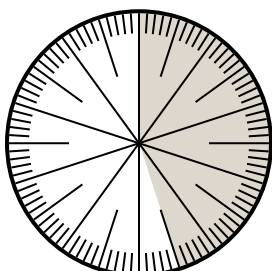
- 5) Express the shaded portion as a decimal of the whole.



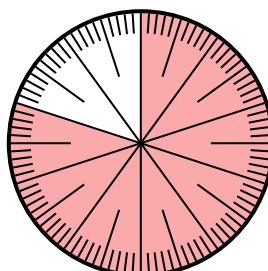
- 6) Express the shaded portion as a fraction of the whole with a 100 as the denominator.



- 7) Express the shaded portion as a decimal of the whole.



- 8) Express the shaded portion as a fraction of the whole with a 100 as the denominator.



Answers

1.  $\frac{85}{100}$

2.  $0.9$

3.  $0.3$

4.  $\frac{6}{10}$

5.  $0.4$

6.  $\frac{70}{100}$

7.  $0.45$

8.  $\frac{80}{100}$