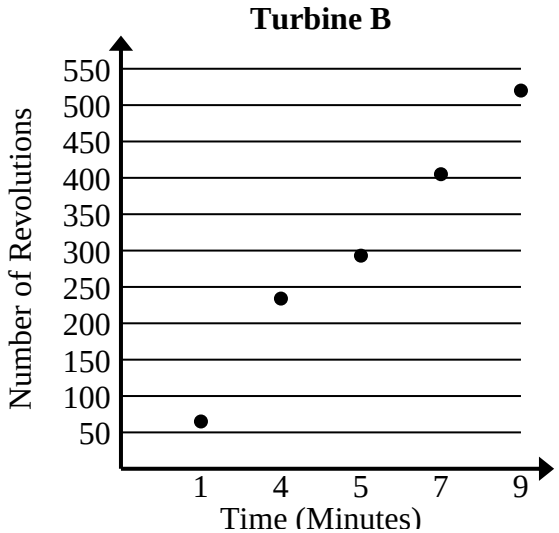
Solve each problem.

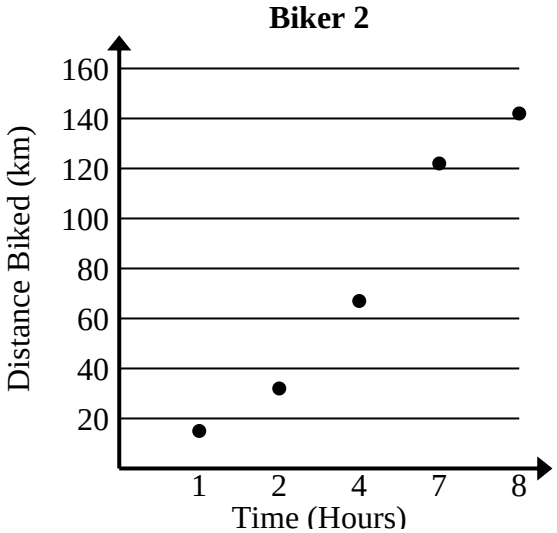
1) Compare the approximate revolution per minute of Turbine A to Turbine B.

Turbine A	
Time (Minutes)	**Number of Revolutions**
3	163
4	222
5	279
6	336
8	451



2) Compare the approximate speed of Biker 1 to Biker 2.

Biker 1	
Time (Hours)	**Distance Biked (km)**
1	21
3	58
5	95
6	112
7	129



Solve each problem.

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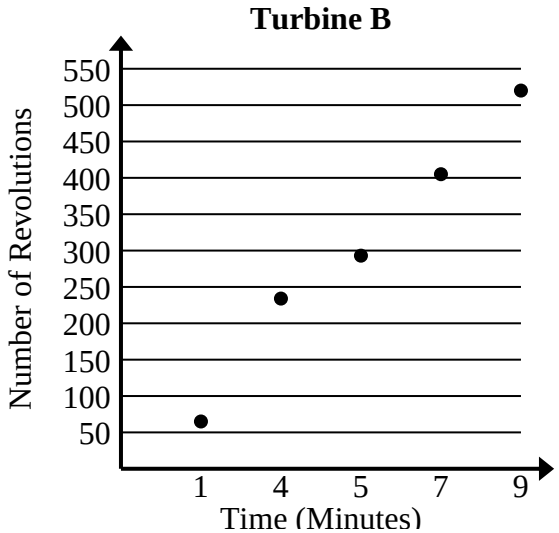
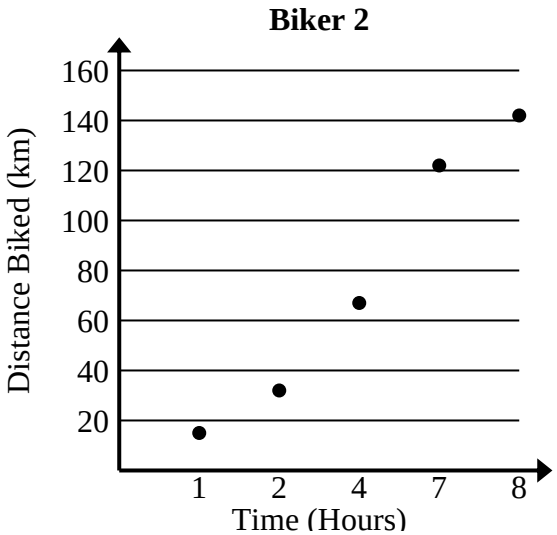


163+222+279+336+451 = 1,451 total revolutions
3+4+5+6+8 = 26 total minutes
1,451÷26 = 55.8

65+234+293+405+520 = 1,517 total revolutions
1+4+5+7+9 = 26 total minutes
1,517÷26 = 58.3

2) Compare the approximate speed of Biker 1 to Biker 2.

Biker 1	
Time (Hours)	**Distance Biked (km)**
1	21
3	58
5	95
6	112
7	129



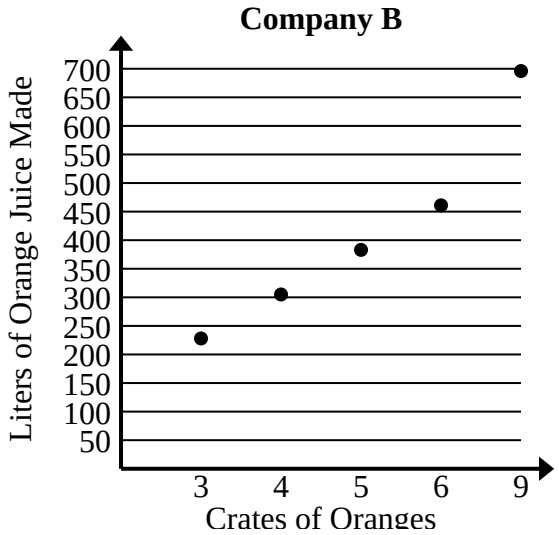
21+58+95+112+129 = 415 total km
1+3+5+6+7 = 22 total hours
415÷22 = 18.9

15+32+67+122+142 = 378 total km
1+2+4+7+8 = 22 total hours
378÷22 = 17.2

Solve each problem.

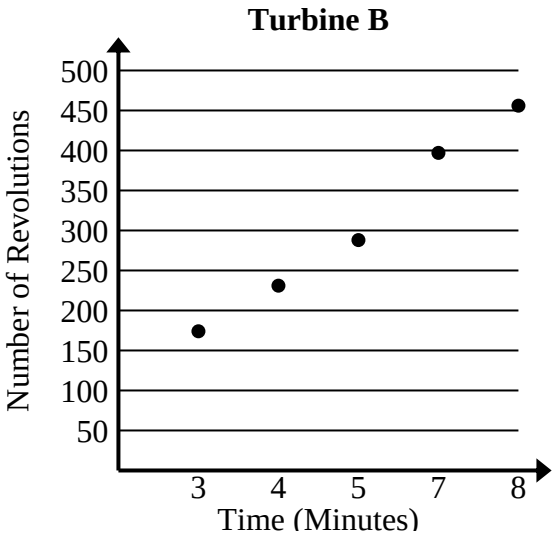
1) Compare the approximate liters of orange juice produced per crates used of Company A to Company B.

Company A	
Crates of Oranges	**Liters of Orange Juice Made**
1	83
2	162
3	239
4	318
6	473



2) Compare the approximate revolution per minute of Turbine A to Turbine B.

Turbine A	
Time (Minutes)	**Number of Revolutions**
2	106
4	217
5	273
6	329
7	385



Solve each problem.

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3	239
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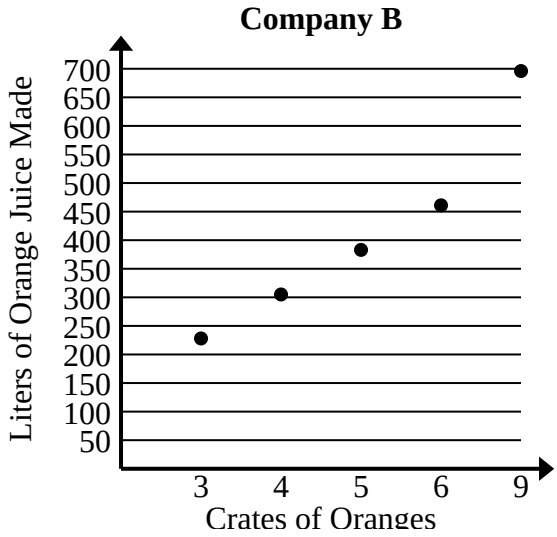
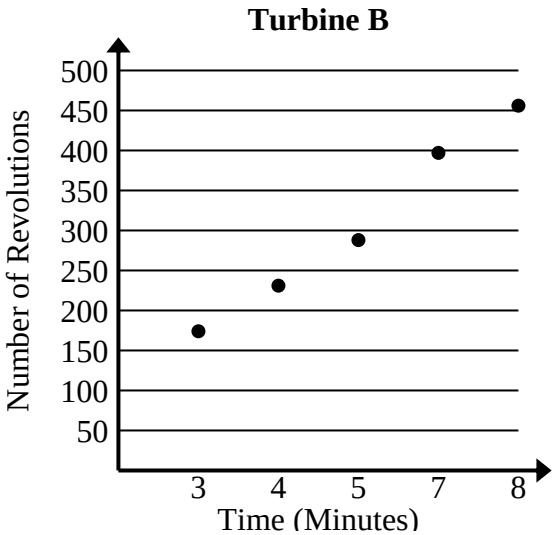


83+162+239+318+473 = 1,275 total liters
1+2+3+4+6 = 16 total crates
1,275÷16 = 79.7

228+305+383+461+696 = 2,073 total liters
3+4+5+6+9 = 27 total crates
2,073÷27 = 76.8

2) Compare the approximate revolution per minute of Turbine A to Turbine B.

Turbine A	
Time (Minutes)	**Number of Revolutions**
2	106
4	217
5	273
6	329
7	385



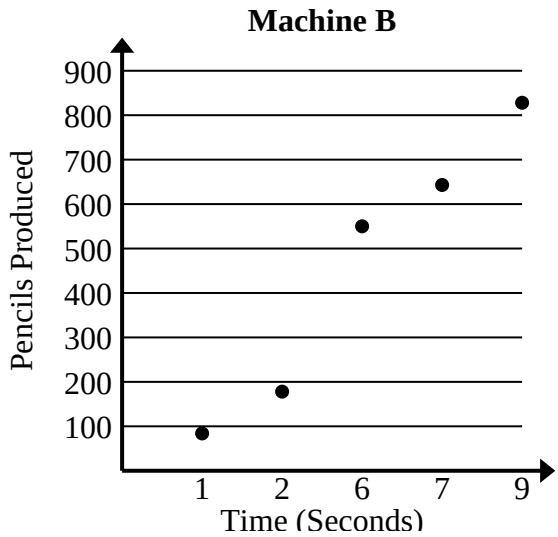
106+217+273+329+385 = 1,310 total revolutions
2+4+5+6+7 = 24 total minutes
1,310÷24 = 54.6

174+231+288+397+456 = 1,546 total revolutions
3+4+5+7+8 = 27 total minutes
1,546÷27 = 57.3

Solve each problem.

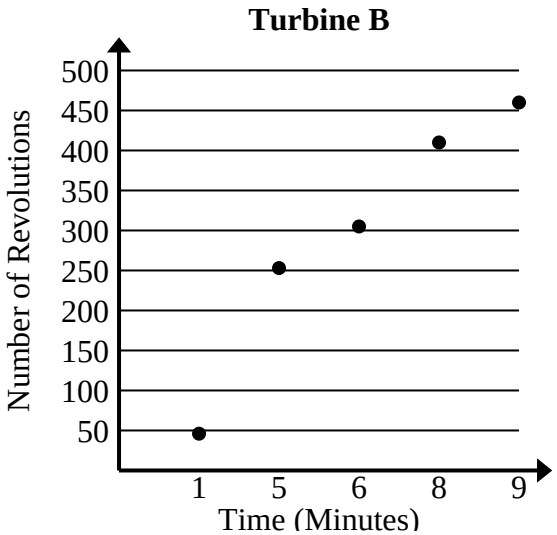
1) Compare the approximate pencils per second produced by Machine A to Machine B.

Machine A	
Time (Seconds)	**Pencils Produced**
1	103
2	195
3	289
6	568
7	661



2) Compare the approximate revolution per minute of Turbine A to Turbine B.

Turbine A	
Time (Minutes)	**Number of Revolutions**
1	60
3	162
5	265
6	320
8	422



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Machine A	
Time (Seconds)	**Pencils Produced**
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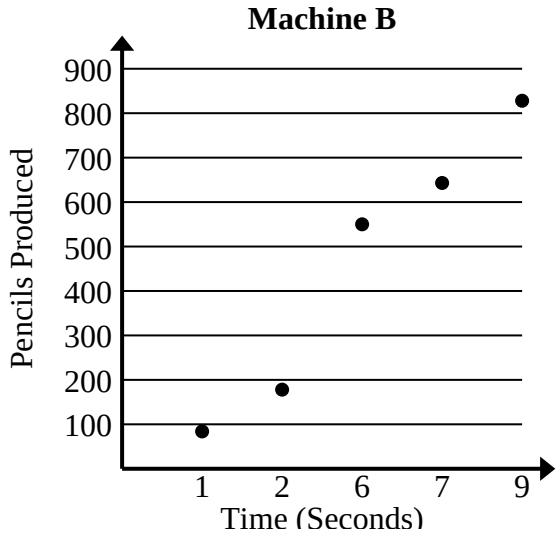
3	289
6	568
7	661



103+195+289+568+661 = 1,816 total pencils
1+2+3+6+7 = 19 total seconds
1,816÷19 = 95.6

84+178+550+643+828 = 2,283 total pencils
1+2+6+7+9 = 25 total seconds
2,283÷25 = 91.3

2) Compare the approximate revolution per minute of Turbine A to Turbine B.

Turbine A	
Time (Minutes)	**Number of Revolutions**
1	60
3	162
5	265
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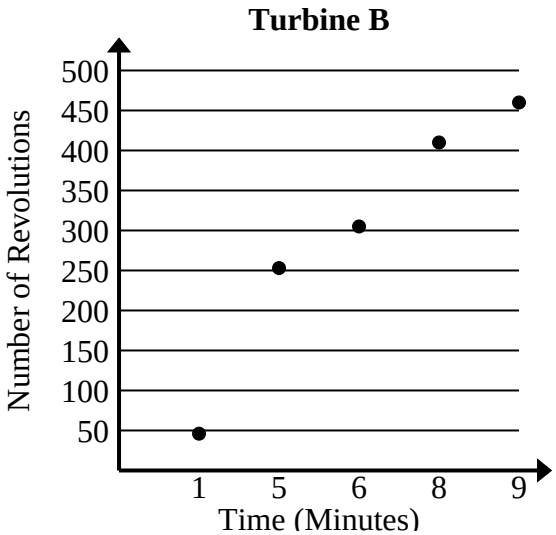


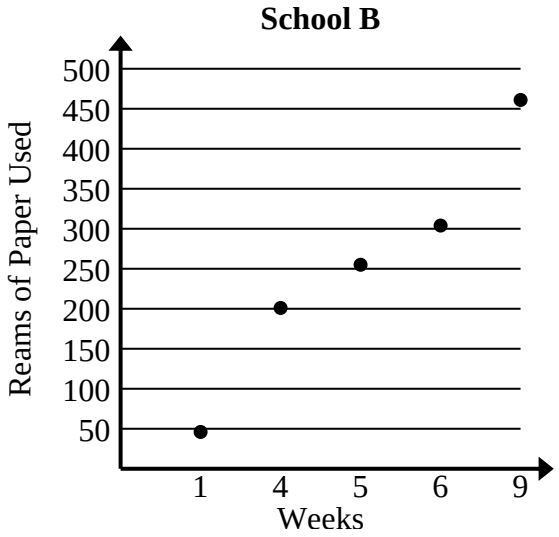
60+162+265+320+422 = 1,229 total revolutions
1+3+5+6+8 = 23 total minutes
1,229÷23 = 53.4

46+253+305+410+460 = 1,474 total revolutions
1+5+6+8+9 = 29 total minutes
1,474÷29 = 50.8

Solve each problem.

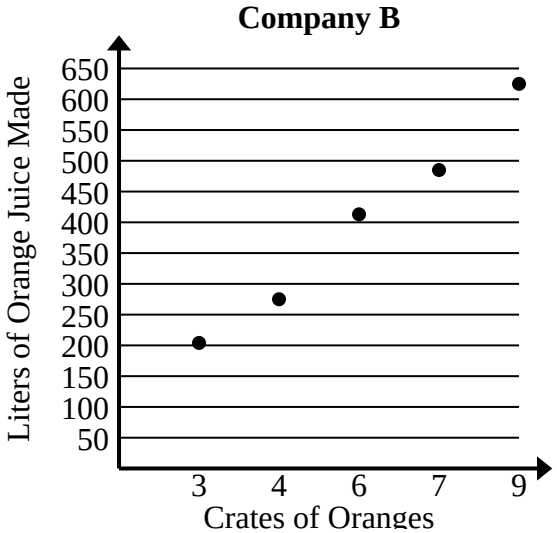
1) Compare the approximate reams of paper used per week of School A to School B.

School A	
Weeks	**Reams of Paper Used**
3	162
4	213
6	318
8	423
9	473



2) Compare the approximate liters of orange juice produced per crates used of Company A to Company B.

Company A	
Crates of Oranges	**Liters of Orange Juice Made**
1	76
2	147
3	215
7	495
9	636



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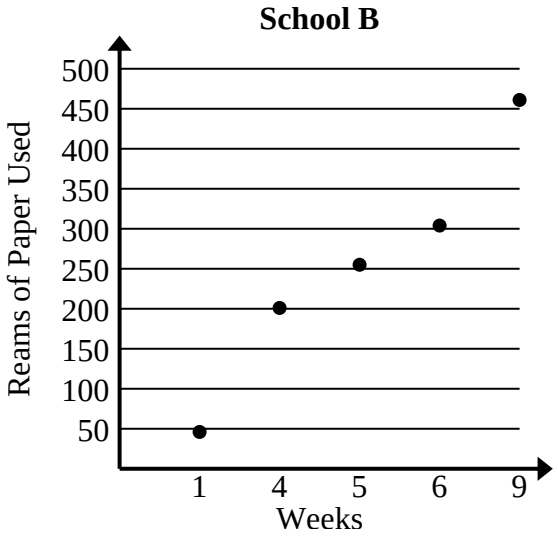

162+213+318+423+473 = 1,589 total reams used
3+4+6+8+9 = 30 total weeks
1,589÷30 = 53.0

46+201+255+304+461 = 1,267 total reams used
1+4+5+6+9 = 25 total weeks
1,267÷25 = 50.7

2) Compare the approximate liters of orange juice produced per crates used of Company A to Company B.

Company A	
Crates of Oranges	**Liters of Orange Juice Made**
1	76
2	147
3	215
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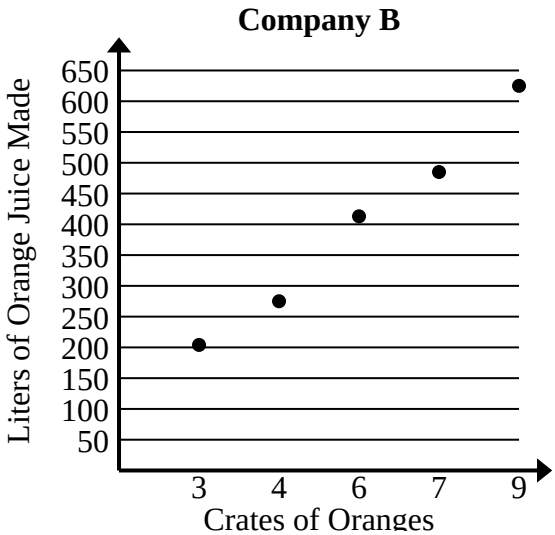


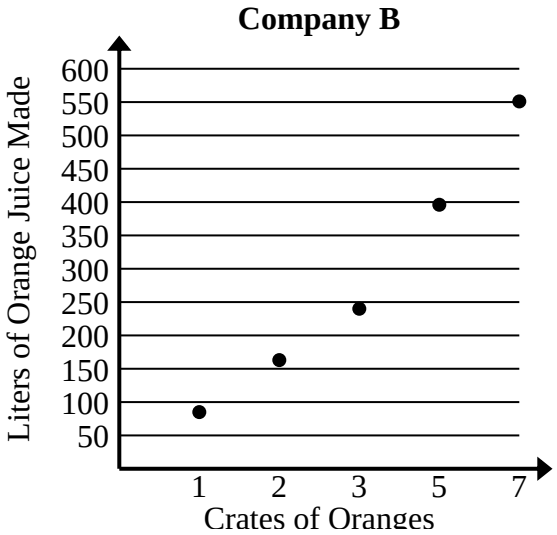
76+147+215+495+636 = 1,569 total liters
1+2+3+7+9 = 22 total crates
1,569÷22 = 71.3

204+275+413+485+625 = 2,002 total liters
3+4+6+7+9 = 29 total crates
2,002÷29 = 69.0

Solve each problem.

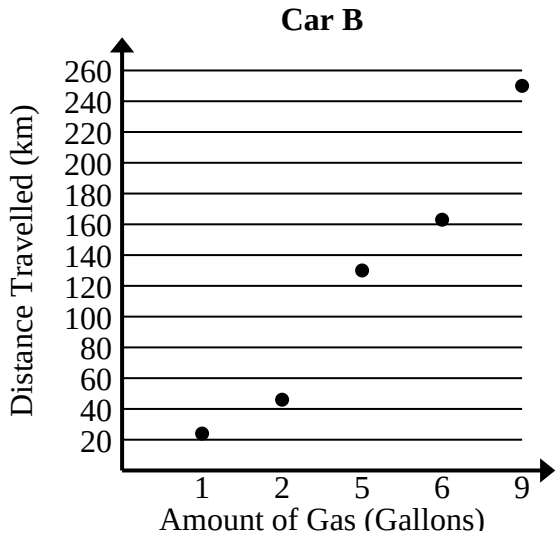
1) Compare the approximate liters of orange juice produced per crates used of Company A to Company B.

Company A	
Crates of Oranges	**Liters of Orange Juice Made**
1	73
2	149
6	462
7	541
9	695



2) Compare the approximate kilometers per gallon of Car A to Car B.

Car A	
Amount of Gas (Gallons)	**Distance Travelled (km)**
3	89
4	114
5	142
7	198
8	231



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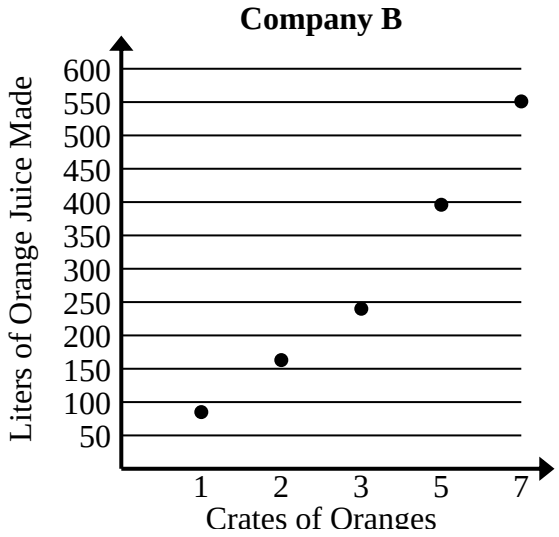
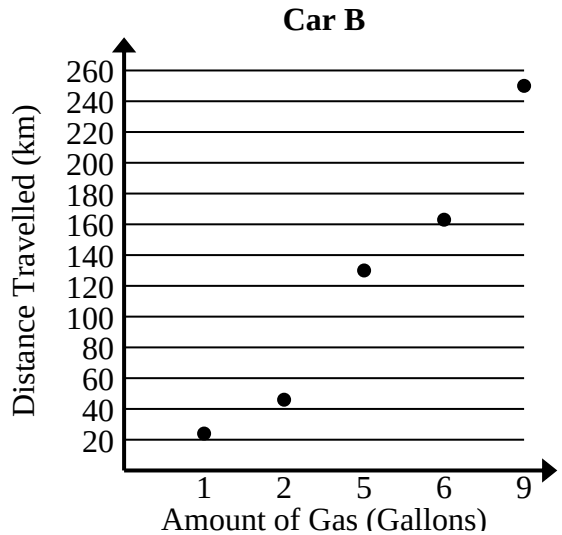


73+149+462+541+695 = 1,920 total liters
1+2+6+7+9 = 25 total crates
1,920÷25 = 76.8

85+163+240+396+551 = 1,435 total liters
1+2+3+5+7 = 18 total crates
1,435÷18 = 79.7

2) Compare the approximate kilometers per gallon of Car A to Car B.

Car A	
Amount of Gas (Gallons)	**Distance Travelled (km)**
3	89
4	114
5	142
7	198
8	231



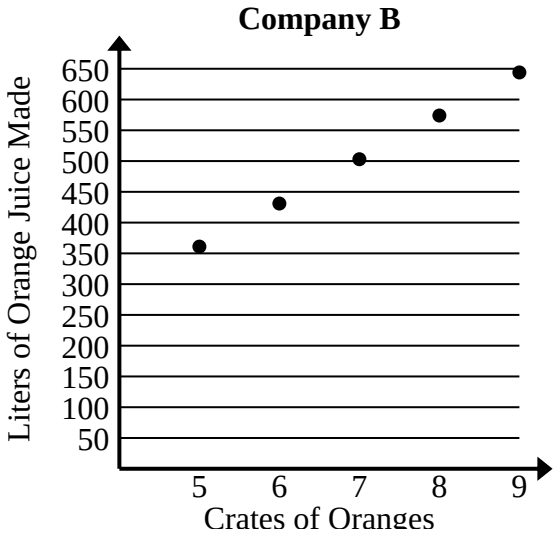
89+114+142+198+231 = 774 total km
3+4+5+7+8 = 27 total gallons
774÷27 = 28.7

24+46+130+163+250 = 613 total km
1+2+5+6+9 = 23 total gallons
613÷23 = 26.7

Solve each problem.

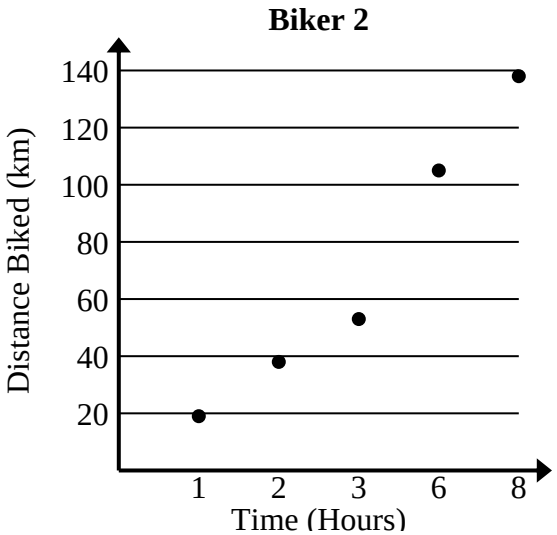
1) Compare the approximate liters of orange juice produced per crates used of Company A to Company B.

Company A	
Crates of Oranges	**Liters of Orange Juice Made**
4	277
5	348
6	419
8	563
9	634



2) Compare the approximate speed of Biker 1 to Biker 2.

Biker 1	
Time (Hours)	**Distance Biked (km)**
1	13
2	31
7	115
8	133
9	149



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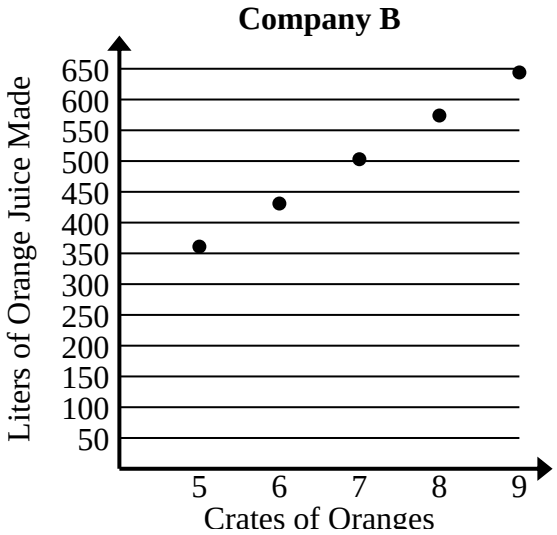
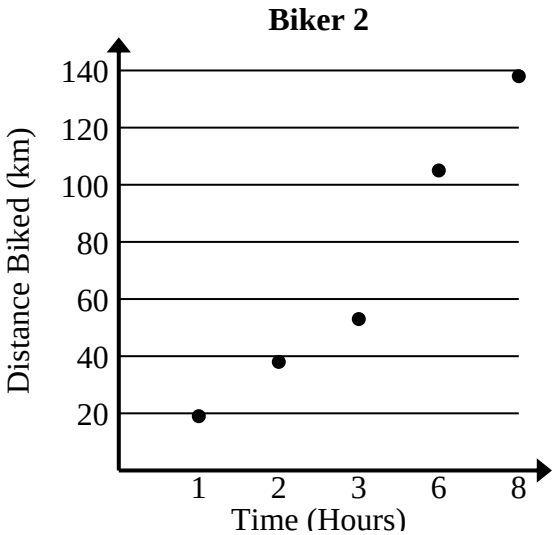


277+348+419+563+634 = 2,241 total liters
4+5+6+8+9 = 32 total crates
2,241÷32 = 70.0

361+431+503+574+644 = 2,513 total liters
5+6+7+8+9 = 35 total crates
2,513÷35 = 71.8

2) Compare the approximate speed of Biker 1 to Biker 2.

Biker 1	
Time (Hours)	**Distance Biked (km)**
1	13
2	31
7	115
8	133
9	149



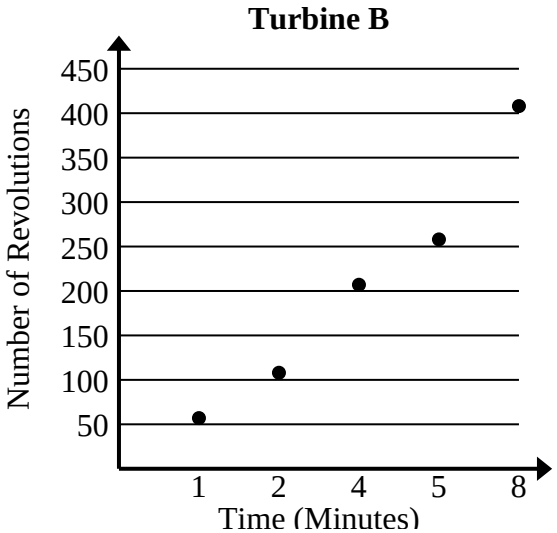
13+31+115+133+149 = 441 total km
1+2+7+8+9 = 27 total hours
441÷27 = 16.3

19+38+53+105+138 = 353 total km
1+2+3+6+8 = 20 total hours
353÷20 = 17.7

Solve each problem.

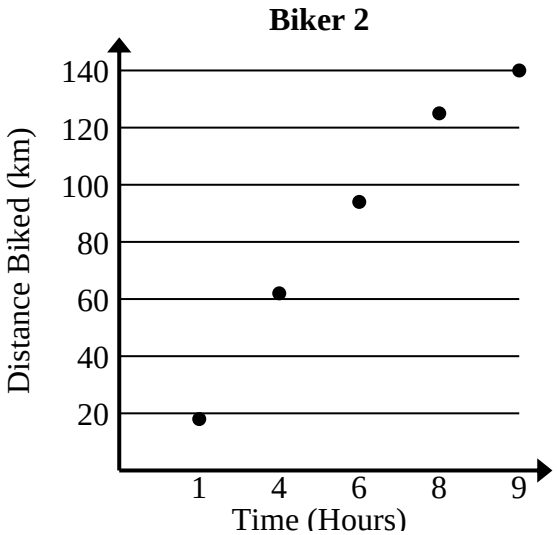
1) Compare the approximate revolution per minute of Turbine A to Turbine B.

Turbine A	
Time (Minutes)	**Number of Revolutions**
3	143
4	192
5	245
7	345
8	393



2) Compare the approximate speed of Biker 1 to Biker 2.

Biker 1	
Time (Hours)	**Distance Biked (km)**
4	57
5	72
6	85
8	116
9	131



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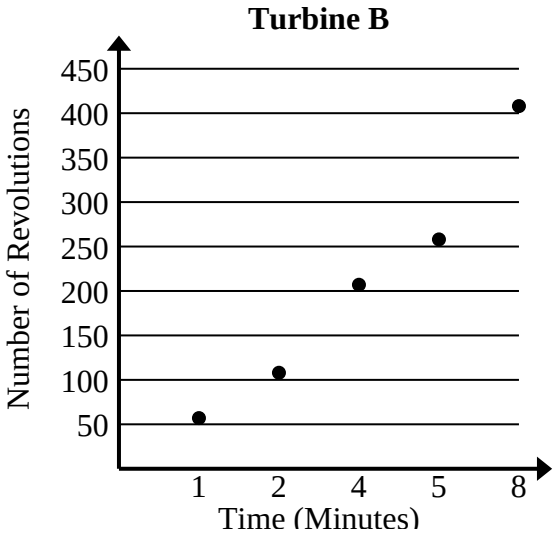
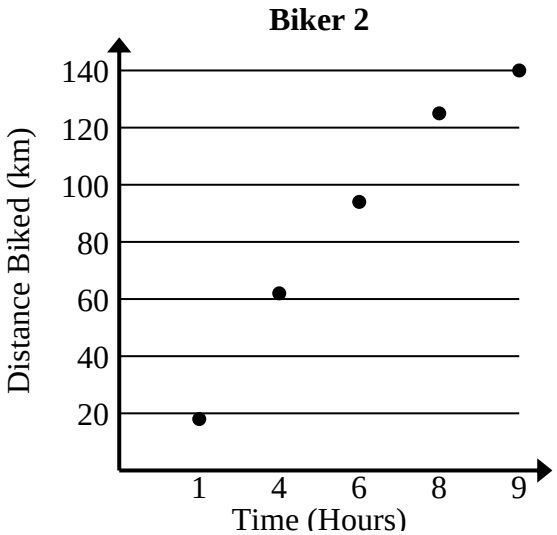


143+192+245+345+393 = 1,318 total revolutions
3+4+5+7+8 = 27 total minutes
1,318÷27 = 48.8

57+108+207+258+408 = 1,038 total revolutions
1+2+4+5+8 = 20 total minutes
1,038÷20 = 51.9

2) Compare the approximate speed of Biker 1 to Biker 2.

Biker 1	
Time (Hours)	**Distance Biked (km)**
4	57
5	72
6	85
8	116
9	131



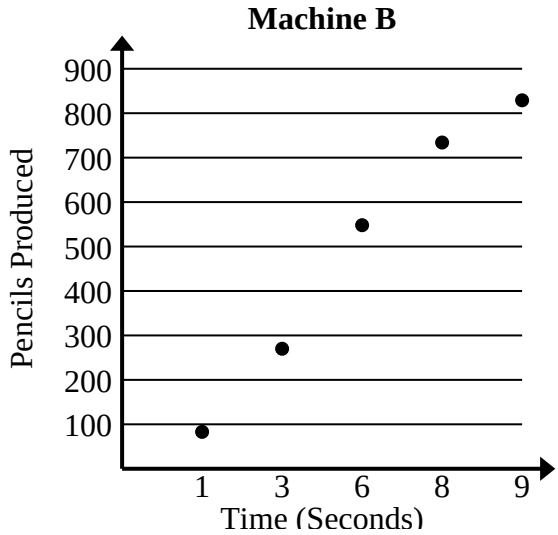
57+72+85+116+131 = 461 total km
4+5+6+8+9 = 32 total hours
461÷32 = 14.4

18+62+94+125+140 = 439 total km
1+4+6+8+9 = 28 total hours
439÷28 = 15.7

Solve each problem.

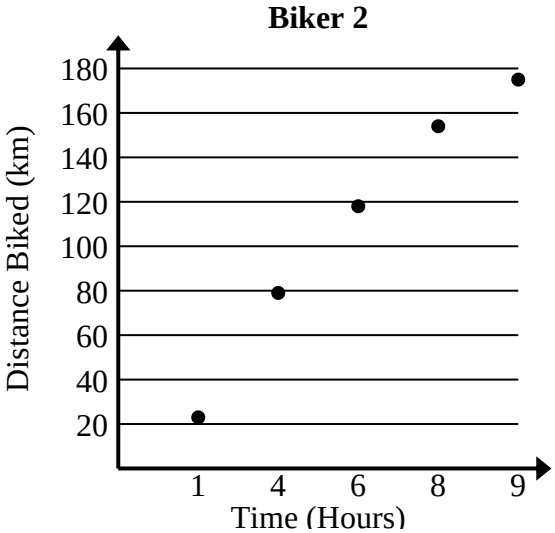
1) Compare the approximate pencils per second produced by Machine A to Machine B.

Machine A	
Time (Seconds)	**Pencils Produced**
2	194
5	473
7	660
8	754
9	846



2) Compare the approximate speed of Biker 1 to Biker 2.

Biker 1	
Time (Hours)	**Distance Biked (km)**
2	36
4	73
5	92
8	149
9	167



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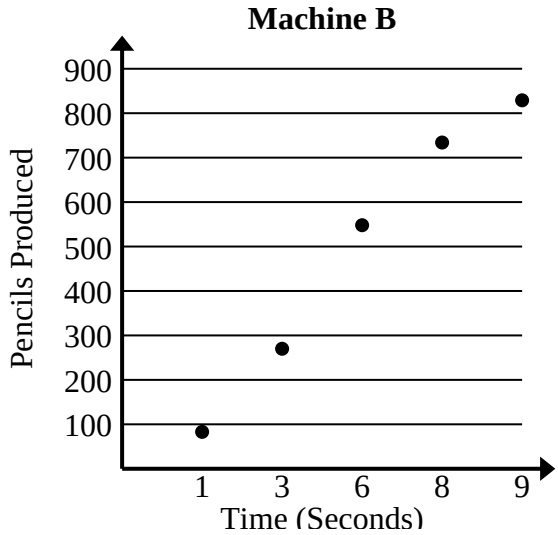
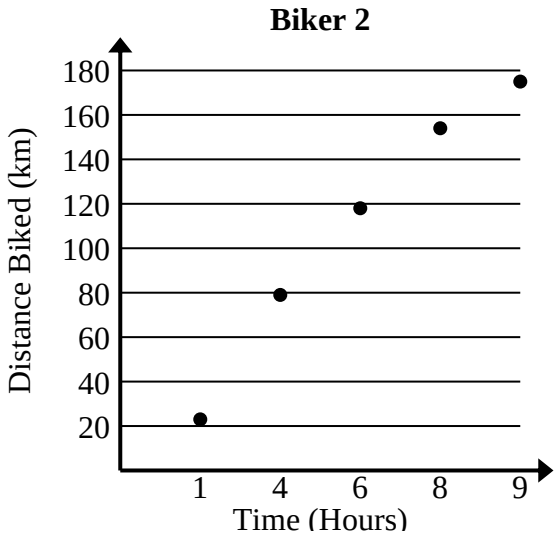


194+473+660+754+846 = 2,927 total pencils
2+5+7+8+9 = 31 total seconds
2,927÷31 = 94.4

83+270+548+734+829 = 2,464 total pencils
1+3+6+8+9 = 27 total seconds
2,464÷27 = 91.3

2) Compare the approximate speed of Biker 1 to Biker 2.

Biker 1	
Time (Hours)	**Distance Biked (km)**
2	36
4	73
5	92
8	149
9	167



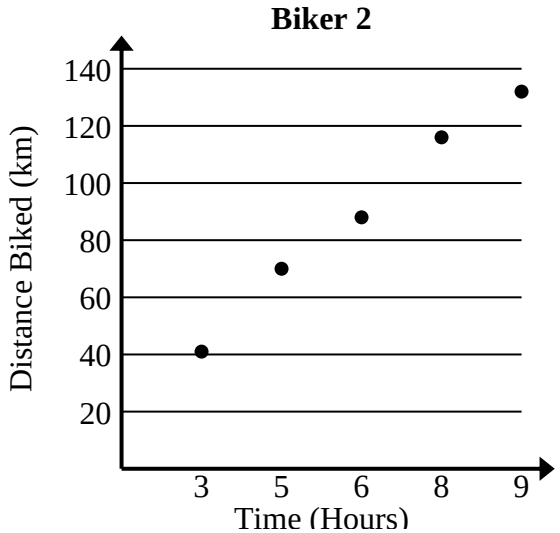
36+73+92+149+167 = 517 total km
2+4+5+8+9 = 28 total hours
517÷28 = 18.5

23+79+118+154+175 = 549 total km
1+4+6+8+9 = 28 total hours
549÷28 = 19.6

Solve each problem.

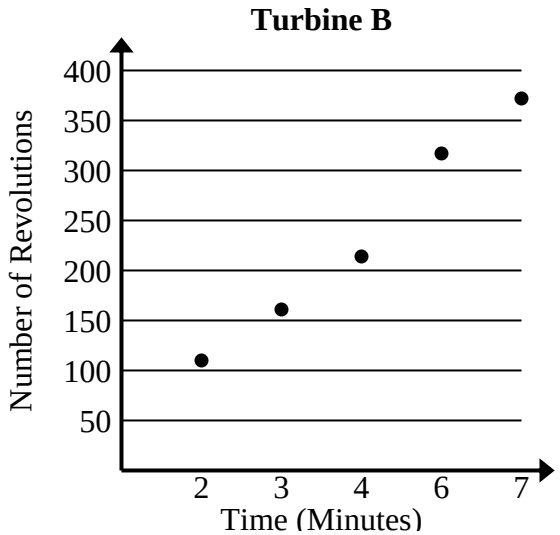
1) Compare the approximate speed of Biker 1 to Biker 2.

Biker 1	
Time (Hours)	**Distance Biked (km)**
1	20
2	33
3	47
6	95
7	108



2) Compare the approximate revolution per minute of Turbine A to Turbine B.

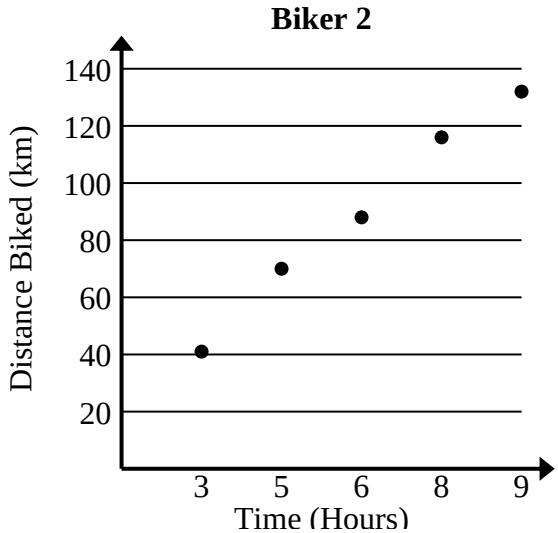
Turbine A	
Time (Minutes)	**Number of Revolutions**
2	98
3	149
4	203
5	252
8	408



Solve each problem.

1) Compare the approximate speed of Biker 1 to Biker 2.

Biker 1	
Time (Hours)	**Distance Biked (km)**
1	20
2	33
3	47
6	95
7	108

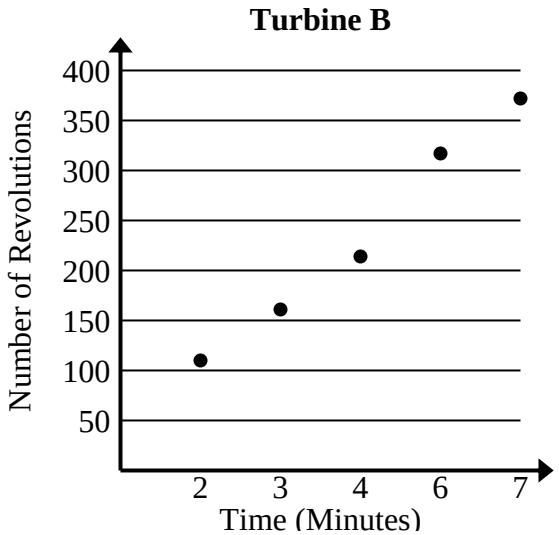


20+33+47+95+108 = 303 total km
1+2+3+6+7 = 19 total hours
303÷19 = 15.9

41+70+88+116+132 = 447 total km
3+5+6+8+9 = 31 total hours
447÷31 = 14.4

2) Compare the approximate revolution per minute of Turbine A to Turbine B.

Turbine A	
Time (Minutes)	**Number of Revolutions**
2	98
3	149
4	203
5	252
8	408



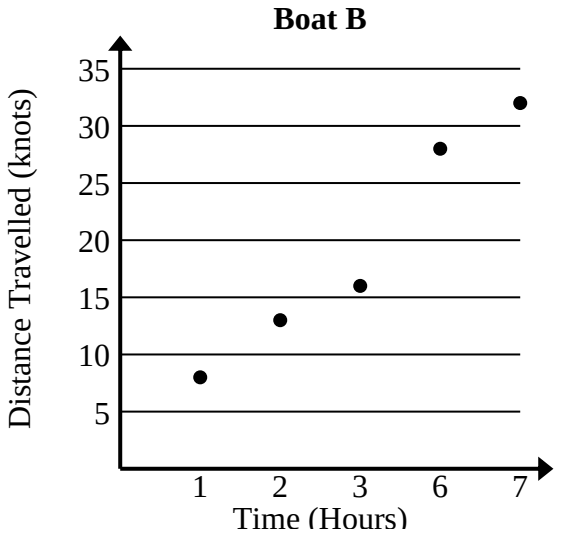
98+149+203+252+408 = 1,110 total revolutions
2+3+4+5+8 = 22 total minutes
1,110÷22 = 50.5

110+161+214+317+372 = 1,174 total revolutions
2+3+4+6+7 = 22 total minutes
1,174÷22 = 53.4

Solve each problem.

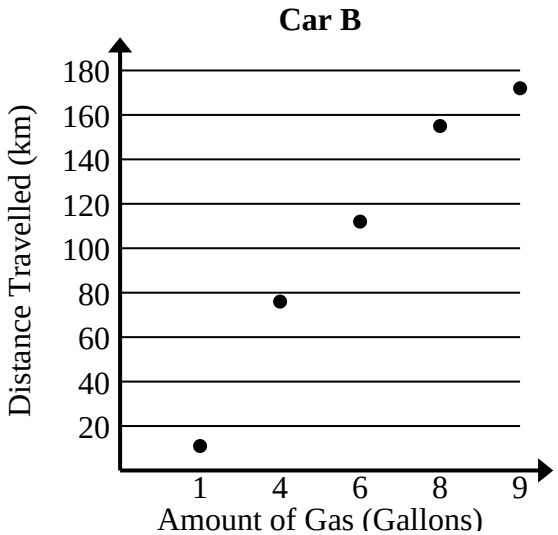
1) Compare the approximate speed per hour of Boat A to Boat B.

Boat A	
Time (Hours)	**Distance Travelled (knots)**
2	3
3	8
5	17
7	24
9	33



2) Compare the approximate kilometers per gallon of Car A to Car B.

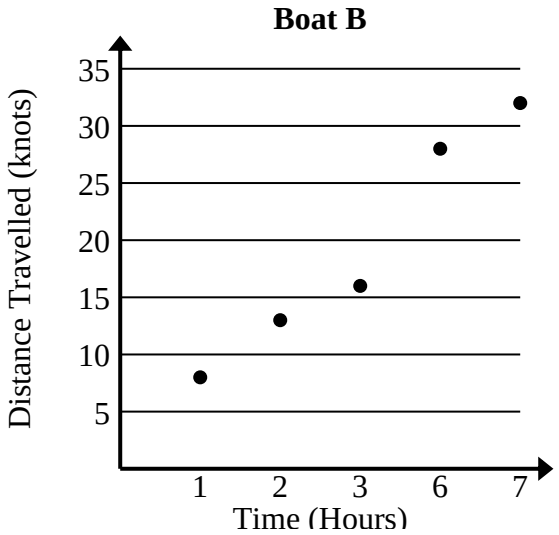
Car A	
Amount of Gas (Gallons)	**Distance Travelled (km)**
3	68
6	129
7	146
8	165
9	184



Solve each problem.

1) Compare the approximate speed per hour of Boat A to Boat B.

Boat A	
Time (Hours)	**Distance Travelled (knots)**
2	3
3	8
5	17
7	24
9	33

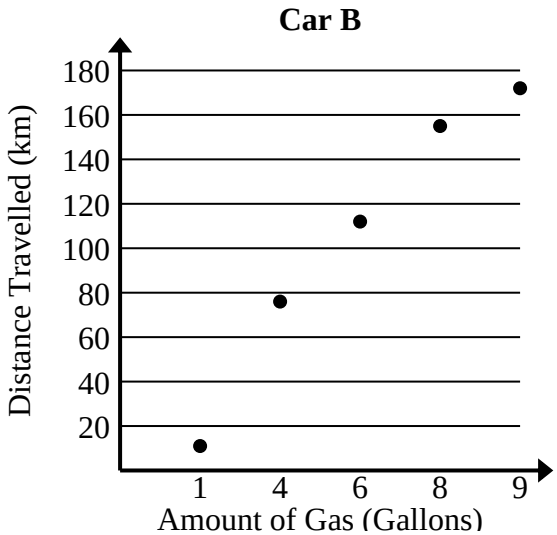


3+8+17+24+33 = 85 total knots
2+3+5+7+9 = 26 total hours
85÷26 = 3.3

8+13+16+28+32 = 97 total knots
1+2+3+6+7 = 19 total hours
97÷19 = 5.1

2) Compare the approximate kilometers per gallon of Car A to Car B.

Car A	
Amount of Gas (Gallons)	**Distance Travelled (km)**
3	68
6	129
7	146
8	165
9	184



68+129+146+165+184 = 692 total km
3+6+7+8+9 = 33 total gallons
692÷33 = 21.0

11+76+112+155+172 = 526 total km
1+4+6+8+9 = 28 total gallons
526÷28 = 18.8