

**Solve each problem.**

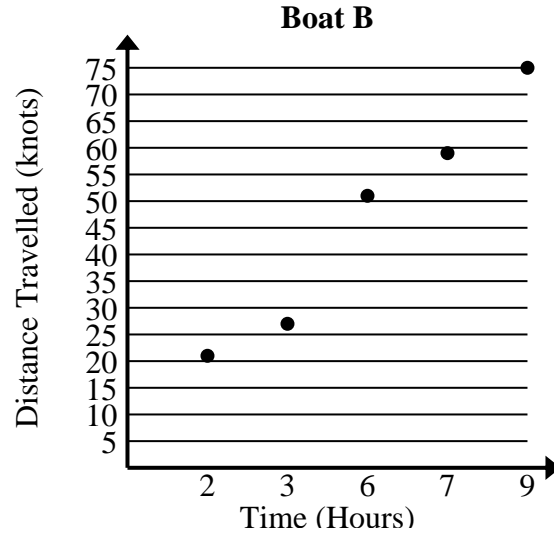
- 1) Compare the approximate speed per hour of Boat A to Boat B.

Boat A	
Time (Hours)	Distance Travelled (knots)
3	19
5	37
6	43
7	52
8	59

$$19+37+43+52+59 = 210 \text{ total knots}$$

$$3+5+6+7+8 = 29 \text{ total hours}$$

$$210 \div 29 = 7.2$$



$$21+27+51+59+75 = 233 \text{ total knots}$$

$$2+3+6+7+9 = 27 \text{ total hours}$$

$$233 \div 27 = 8.6$$

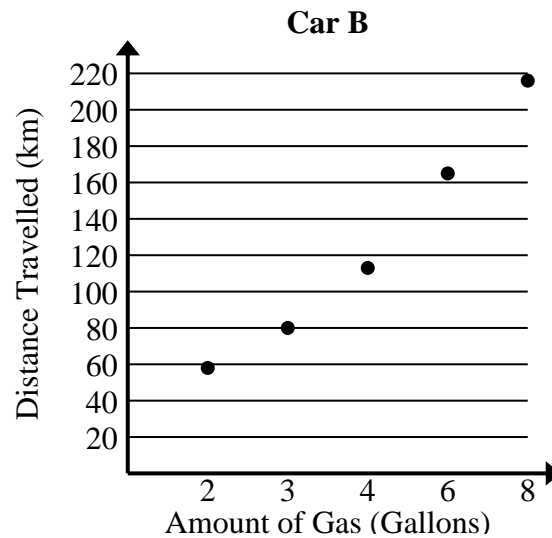
- 2) Compare the approximate kilometers per gallon of Car A to Car B.

Car A	
Amount of Gas (Gallons)	Distance Travelled (km)
3	74
4	97
5	126
6	153
9	232

$$74+97+126+153+232 = 682 \text{ total km}$$

$$3+4+5+6+9 = 27 \text{ total gallons}$$

$$682 \div 27 = 25.3$$



$$58+80+113+165+216 = 632 \text{ total km}$$

$$2+3+4+6+8 = 23 \text{ total gallons}$$

$$632 \div 23 = 27.5$$



Solve each problem.

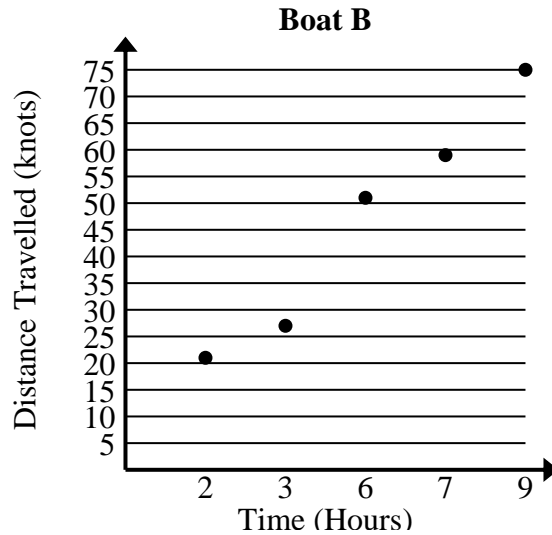
- 1) Compare the approximate speed per hour of Boat A to Boat B.

Boat A	
Time (Hours)	Distance Travelled (knots)
3	19
5	37
6	43
7	52
8	59

$$19+37+43+52+59 = 210 \text{ total knots}$$

$$3+5+6+7+8 = 29 \text{ total hours}$$

$$210 \div 29 = 7.2$$



$$21+27+51+59+75 = 233 \text{ total knots}$$

$$2+3+6+7+9 = 27 \text{ total hours}$$

$$233 \div 27 = 8.6$$

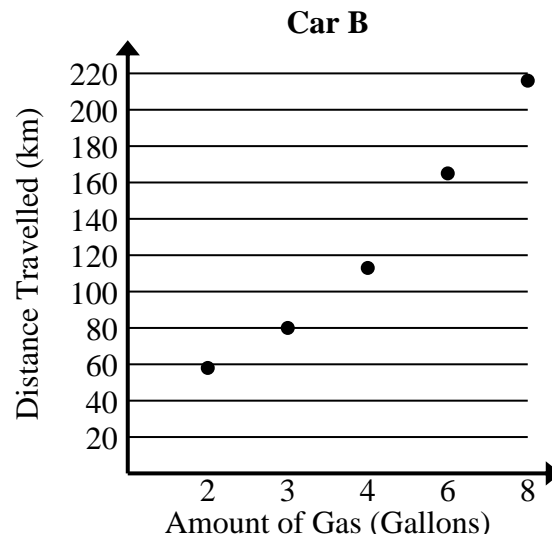
- 2) Compare the approximate kilometers per gallon of Car A to Car B.

Car A	
Amount of Gas (Gallons)	Distance Travelled (km)
3	74
4	97
5	126
6	153
9	232

$$74+97+126+153+232 = 682 \text{ total km}$$

$$3+4+5+6+9 = 27 \text{ total gallons}$$

$$682 \div 27 = 25.3$$



$$58+80+113+165+216 = 632 \text{ total km}$$

$$2+3+4+6+8 = 23 \text{ total gallons}$$

$$632 \div 23 = 27.5$$

**Solve each problem.**

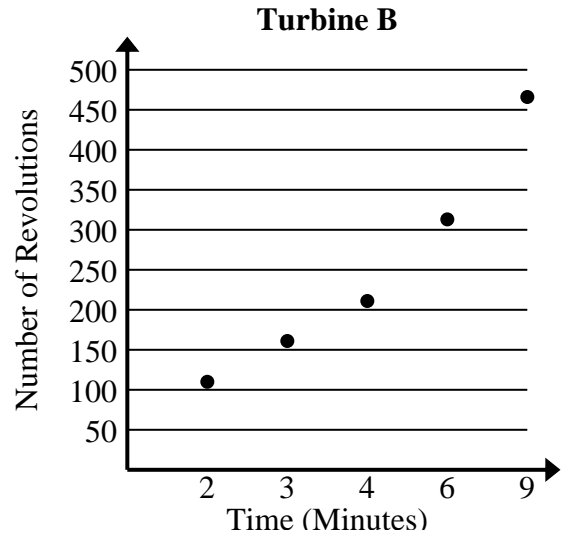
- 1) Compare the approximate revolution per minute of Turbine A to Turbine B.

Turbine A	
Time (Minutes)	Number of Revolutions
1	46
2	96
3	145
7	350
9	453

$$46+96+145+350+453 = 1,090 \text{ total revolutions}$$

$$1+2+3+7+9 = 22 \text{ total minutes}$$

$$1,090 \div 22 = 49.5$$



$$110+161+211+313+466 = 1,261 \text{ total revolutions}$$

$$2+3+4+6+9 = 24 \text{ total minutes}$$

$$1,261 \div 24 = 52.5$$

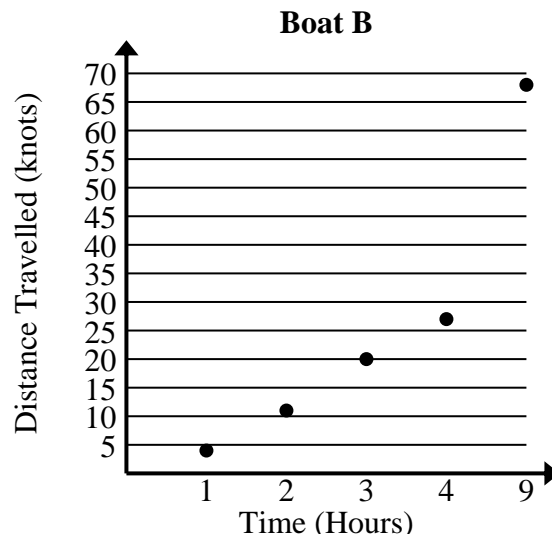
- 2) Compare the approximate speed per hour of Boat A to Boat B.

Boat A	
Time (Hours)	Distance Travelled (knots)
1	13
3	27
5	45
7	61
9	77

$$13+27+45+61+77 = 223 \text{ total knots}$$

$$1+3+5+7+9 = 25 \text{ total hours}$$

$$223 \div 25 = 8.9$$



$$4+11+20+27+68 = 130 \text{ total knots}$$

$$1+2+3+4+9 = 19 \text{ total hours}$$

$$130 \div 19 = 6.8$$



Solve each problem.

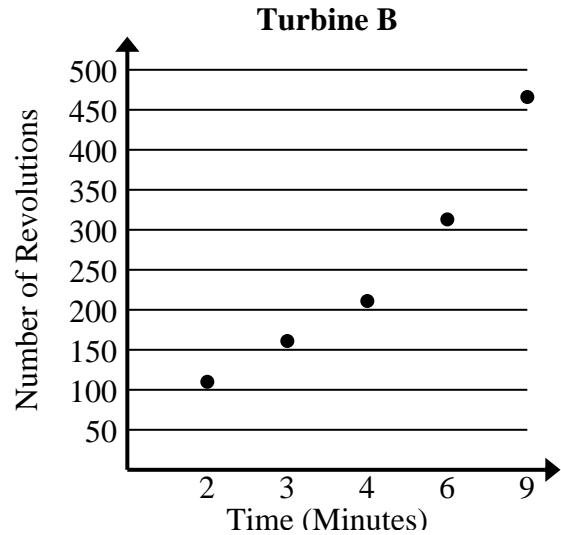
- 1) Compare the approximate revolution per minute of Turbine A to Turbine B.

Turbine A	
Time (Minutes)	Number of Revolutions
1	46
2	96
3	145
7	350
9	453

$$46+96+145+350+453 = 1,090 \text{ total revolutions}$$

$$1+2+3+7+9 = 22 \text{ total minutes}$$

$$1,090 \div 22 = 49.5$$



$$110+161+211+313+466 = 1,261 \text{ total revolutions}$$

$$2+3+4+6+9 = 24 \text{ total minutes}$$

$$1,261 \div 24 = 52.5$$

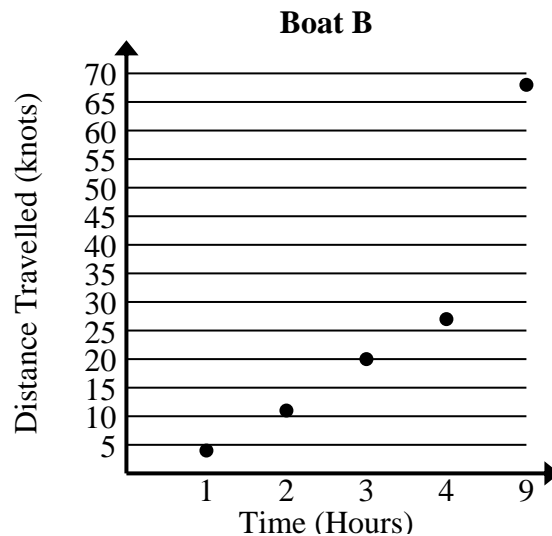
- 2) Compare the approximate speed per hour of Boat A to Boat B.

Boat A	
Time (Hours)	Distance Travelled (knots)
1	13
3	27
5	45
7	61
9	77

$$13+27+45+61+77 = 223 \text{ total knots}$$

$$1+3+5+7+9 = 25 \text{ total hours}$$

$$223 \div 25 = 8.9$$



$$4+11+20+27+68 = 130 \text{ total knots}$$

$$1+2+3+4+9 = 19 \text{ total hours}$$

$$130 \div 19 = 6.8$$

**Solve each problem.**

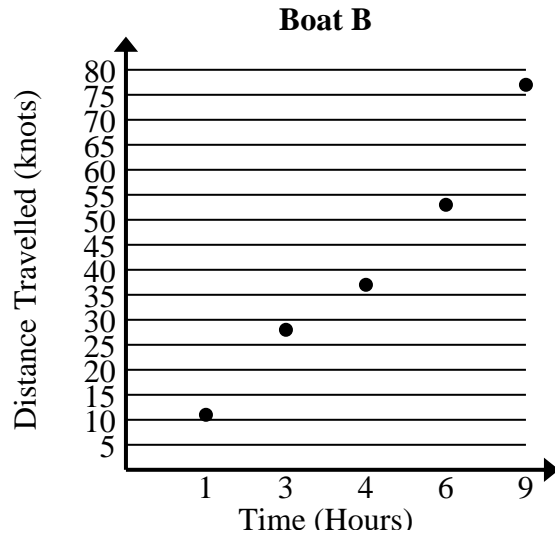
- 1) Compare the approximate speed per hour of Boat A to Boat B.

Boat A	
Time (Hours)	Distance Travelled (knots)
1	5
3	21
6	45
8	61
9	69

$$5+21+45+61+69 = 201 \text{ total knots}$$

$$1+3+6+8+9 = 27 \text{ total hours}$$

$$201 \div 27 = 7.4$$



$$11+28+37+53+77 = 206 \text{ total knots}$$

$$1+3+4+6+9 = 23 \text{ total hours}$$

$$206 \div 23 = 9.0$$

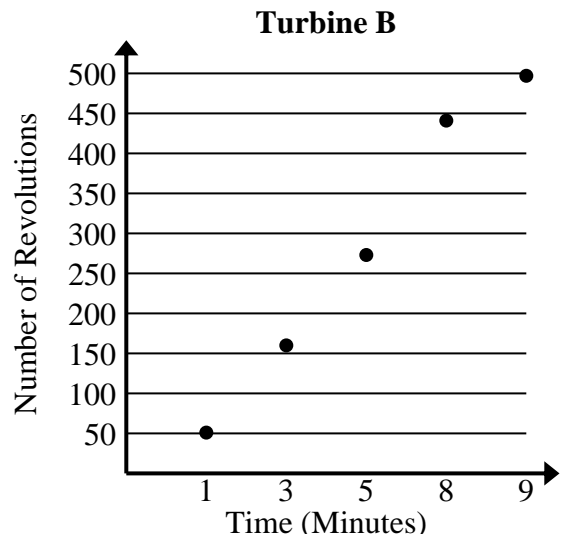
- 2) Compare the approximate revolution per minute of Turbine A to Turbine B.

Turbine A	
Time (Minutes)	Number of Revolutions
1	61
3	174
6	341
7	399
8	453

$$61+174+341+399+453 = 1,428 \text{ total revolutions}$$

$$1+3+6+7+8 = 25 \text{ total minutes}$$

$$1,428 \div 25 = 57.1$$



$$51+160+273+441+497 = 1,422 \text{ total revolutions}$$

$$1+3+5+8+9 = 26 \text{ total minutes}$$

$$1,422 \div 26 = 54.7$$



Solve each problem.

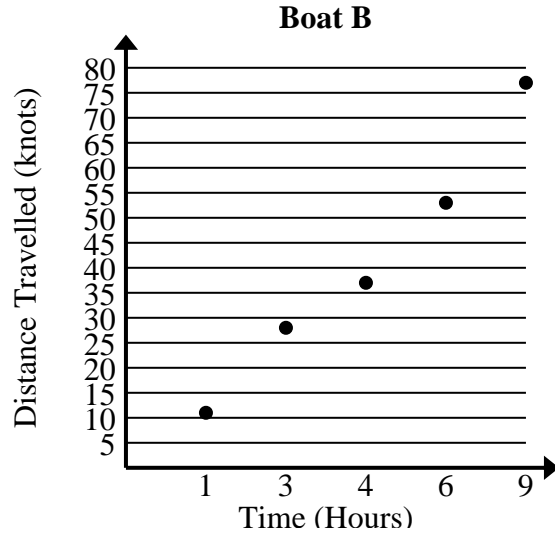
- 1) Compare the approximate speed per hour of Boat A to Boat B.

Boat A	
Time (Hours)	Distance Travelled (knots)
1	5
3	21
6	45
8	61
9	69

$$5+21+45+61+69 = 201 \text{ total knots}$$

$$1+3+6+8+9 = 27 \text{ total hours}$$

$$201 \div 27 = 7.4$$



$$11+28+37+53+77 = 206 \text{ total knots}$$

$$1+3+4+6+9 = 23 \text{ total hours}$$

$$206 \div 23 = 9.0$$

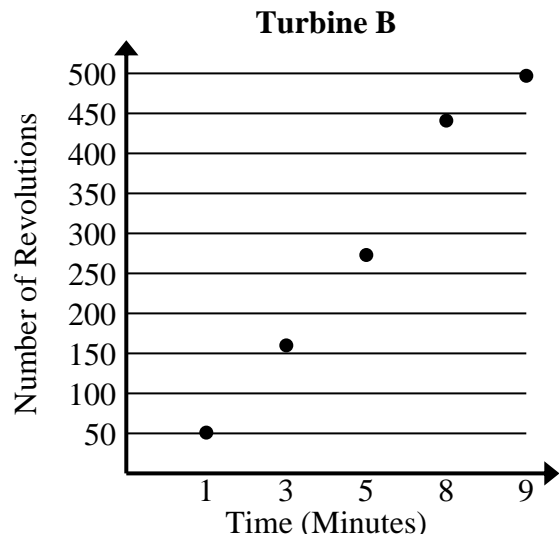
- 2) Compare the approximate revolution per minute of Turbine A to Turbine B.

Turbine A	
Time (Minutes)	Number of Revolutions
1	61
3	174
6	341
7	399
8	453

$$61+174+341+399+453 = 1,428 \text{ total revolutions}$$

$$1+3+6+7+8 = 25 \text{ total minutes}$$

$$1,428 \div 25 = 57.1$$



$$51+160+273+441+497 = 1,422 \text{ total revolutions}$$

$$1+3+5+8+9 = 26 \text{ total minutes}$$

$$1,422 \div 26 = 54.7$$

**Solve each problem.**

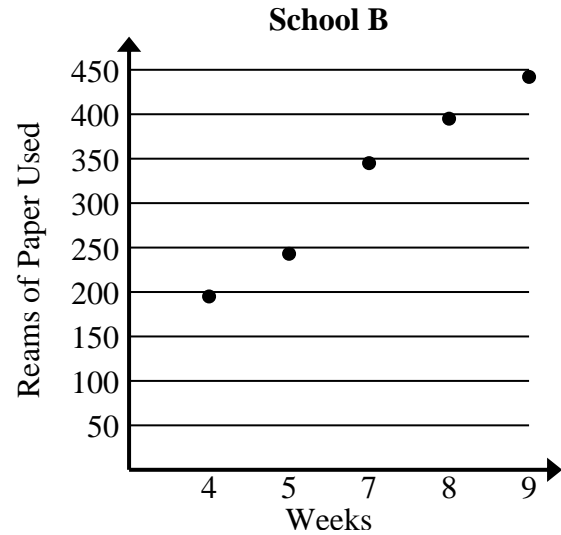
- 1) Compare the approximate reams of paper used per week of School A to School B.

School A	
Weeks	Reams of Paper Used
1	57
2	106
3	155
4	208
5	255

$$57+106+155+208+255 = 781 \text{ total reams used}$$

$$1+2+3+4+5 = 15 \text{ total weeks}$$

$$781 \div 15 = 52.1$$



$$195+243+345+395+442 = 1,620 \text{ total reams used}$$

$$4+5+7+8+9 = 33 \text{ total weeks}$$

$$1,620 \div 33 = 49.1$$

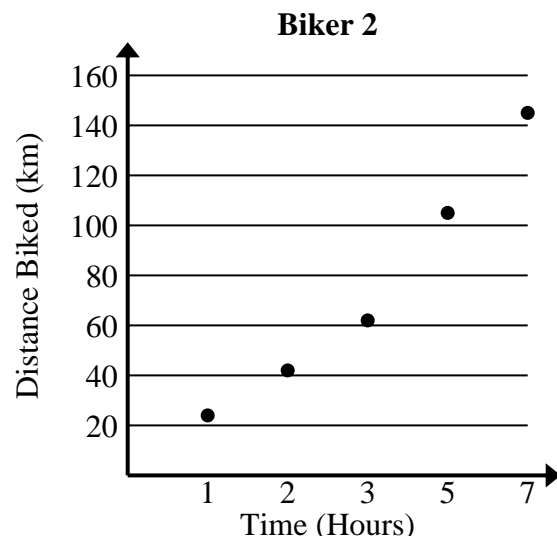
- 2) Compare the approximate speed of Biker 1 to Biker 2.

Biker 1	
Time (Hours)	Distance Biked (km)
1	18
4	75
6	117
8	157
9	177

$$18+75+117+157+177 = 544 \text{ total km}$$

$$1+4+6+8+9 = 28 \text{ total hours}$$

$$544 \div 28 = 19.4$$



$$24+42+62+105+145 = 378 \text{ total km}$$

$$1+2+3+5+7 = 18 \text{ total hours}$$

$$378 \div 18 = 21.0$$

**Solve each problem.**

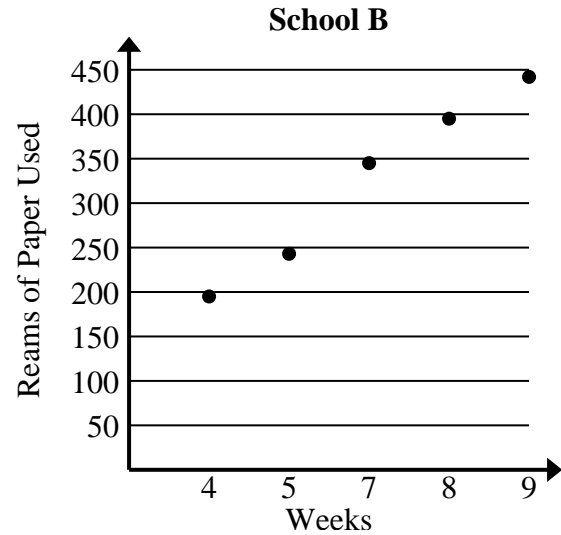
- 1) Compare the approximate reams of paper used per week of School A to School B.

School A	
Weeks	Reams of Paper Used
1	57
2	106
3	155
4	208
5	255

$$57+106+155+208+255 = 781 \text{ total reams used}$$

$$1+2+3+4+5 = 15 \text{ total weeks}$$

$$781 \div 15 = 52.1$$



$$195+243+345+395+442 = 1,620 \text{ total reams used}$$

$$4+5+7+8+9 = 33 \text{ total weeks}$$

$$1,620 \div 33 = 49.1$$

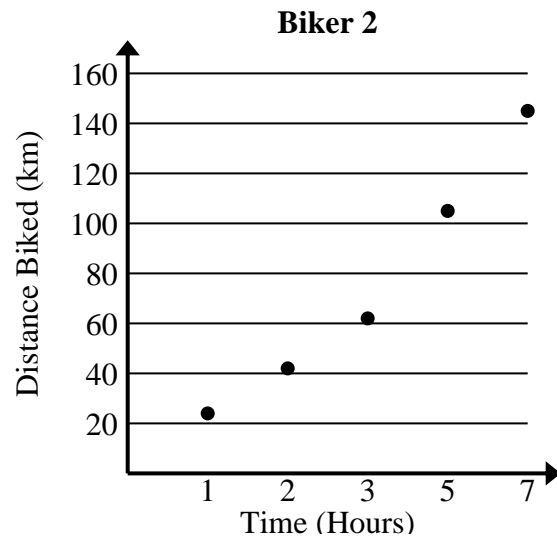
- 2) Compare the approximate speed of Biker 1 to Biker 2.

Biker 1	
Time (Hours)	Distance Biked (km)
1	18
4	75
6	117
8	157
9	177

$$18+75+117+157+177 = 544 \text{ total km}$$

$$1+4+6+8+9 = 28 \text{ total hours}$$

$$544 \div 28 = 19.4$$



$$24+42+62+105+145 = 378 \text{ total km}$$

$$1+2+3+5+7 = 18 \text{ total hours}$$

$$378 \div 18 = 21.0$$

**Solve each problem.**

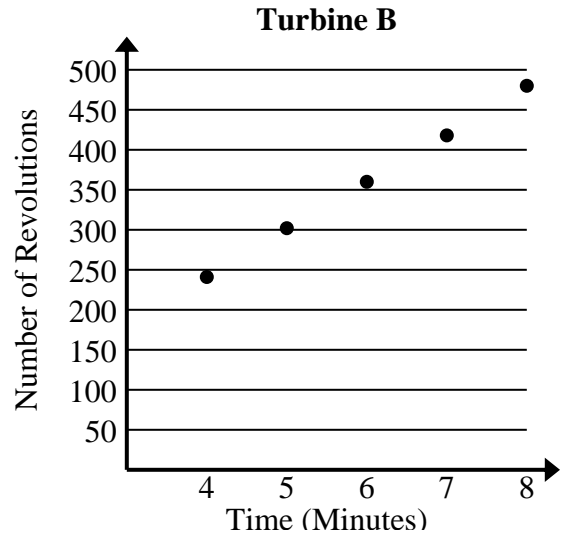
- 1) Compare the approximate revolution per minute of Turbine A to Turbine B.

Turbine A	
Time (Minutes)	Number of Revolutions
2	112
3	170
5	289
6	349
7	405

$$112+170+289+349+405 = 1,325 \text{ total revolutions}$$

$$2+3+5+6+7 = 23 \text{ total minutes}$$

$$1,325 \div 23 = 57.6$$



$$241+302+360+418+480 = 1,801 \text{ total revolutions}$$

$$4+5+6+7+8 = 30 \text{ total minutes}$$

$$1,801 \div 30 = 60.0$$

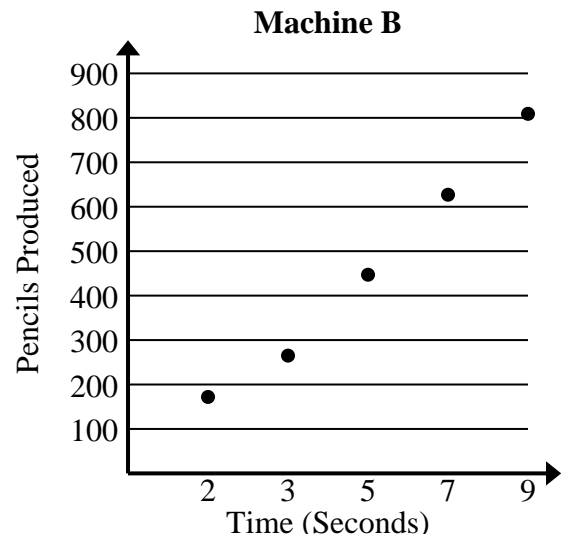
- 2) Compare the approximate pencils per second produced by Machine A to Machine B.

Machine A	
Time (Seconds)	Pencils Produced
3	282
5	463
7	645
8	738
9	827

$$282+463+645+738+827 = 2,955 \text{ total pencils}$$

$$3+5+7+8+9 = 32 \text{ total seconds}$$

$$2,955 \div 32 = 92.3$$



$$172+265+447+627+809 = 2,320 \text{ total pencils}$$

$$2+3+5+7+9 = 26 \text{ total seconds}$$

$$2,320 \div 26 = 89.2$$

**Solve each problem.**

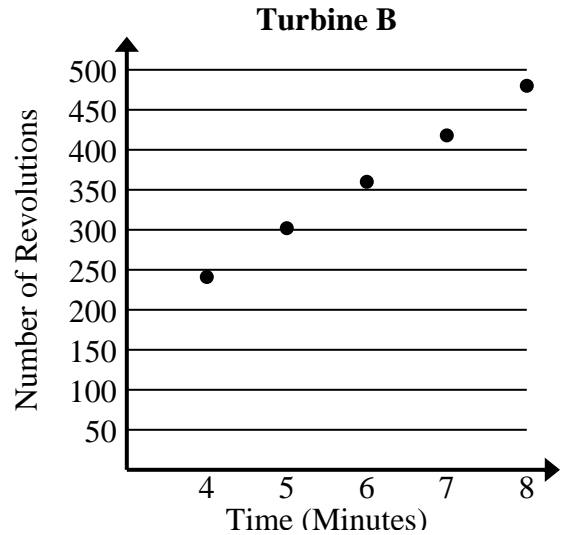
- 1) Compare the approximate revolution per minute of Turbine A to Turbine B.

Turbine A	
Time (Minutes)	Number of Revolutions
2	112
3	170
5	289
6	349
7	405

$$112+170+289+349+405 = 1,325 \text{ total revolutions}$$

$$2+3+5+6+7 = 23 \text{ total minutes}$$

$$1,325 \div 23 = 57.6$$



$$241+302+360+418+480 = 1,801 \text{ total revolutions}$$

$$4+5+6+7+8 = 30 \text{ total minutes}$$

$$1,801 \div 30 = 60.0$$

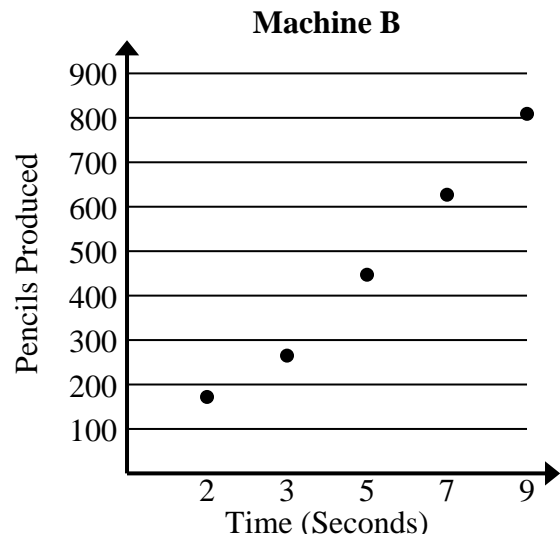
- 2) Compare the approximate pencils per second produced by Machine A to Machine B.

Machine A	
Time (Seconds)	Pencils Produced
3	282
5	463
7	645
8	738
9	827

$$282+463+645+738+827 = 2,955 \text{ total pencils}$$

$$3+5+7+8+9 = 32 \text{ total seconds}$$

$$2,955 \div 32 = 92.3$$



$$172+265+447+627+809 = 2,320 \text{ total pencils}$$

$$2+3+5+7+9 = 26 \text{ total seconds}$$

$$2,320 \div 26 = 89.2$$

**Solve each problem.**

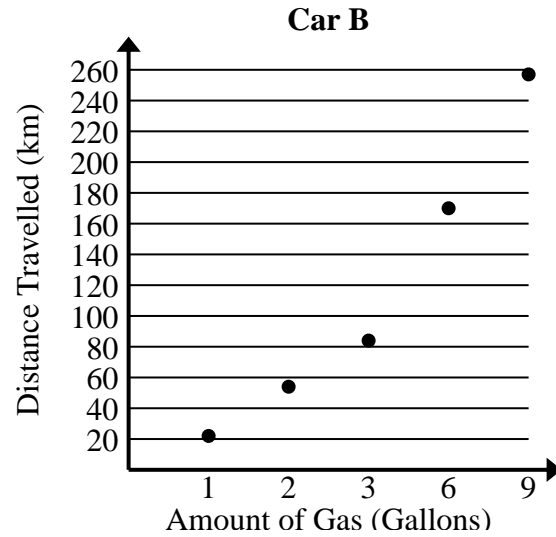
- 1) Compare the approximate kilometers per gallon of Car A to Car B.

Car A	
Amount of Gas (Gallons)	Distance Travelled (km)
1	38
2	64
5	148
6	183
7	207

$$38+64+148+183+207 = 640 \text{ total km}$$

$$1+2+5+6+7 = 21 \text{ total gallons}$$

$$640 \div 21 = 30.5$$



$$22+54+84+170+257 = 587 \text{ total km}$$

$$1+2+3+6+9 = 21 \text{ total gallons}$$

$$587 \div 21 = 28.0$$

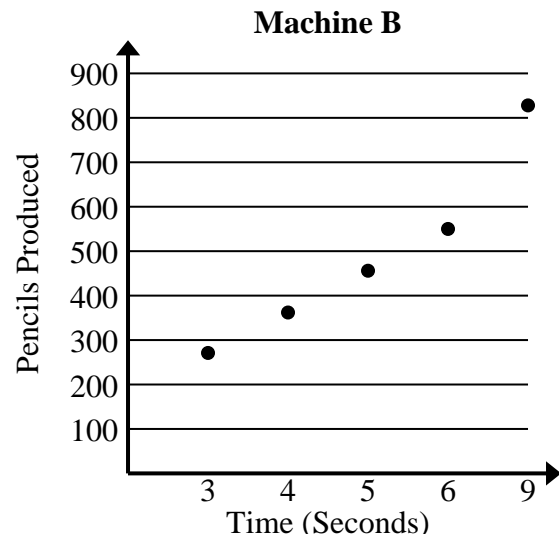
- 2) Compare the approximate pencils per second produced by Machine A to Machine B.

Machine A	
Time (Seconds)	Pencils Produced
3	288
4	382
5	475
6	568
8	754

$$288+382+475+568+754 = 2,467 \text{ total pencils}$$

$$3+4+5+6+8 = 26 \text{ total seconds}$$

$$2,467 \div 26 = 94.9$$



$$271+362+456+550+828 = 2,467 \text{ total pencils}$$

$$3+4+5+6+9 = 27 \text{ total seconds}$$

$$2,467 \div 27 = 91.4$$



Solve each problem.

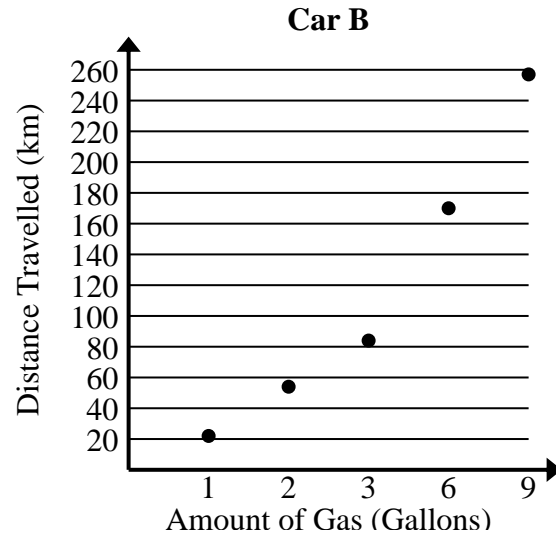
- 1) Compare the approximate kilometers per gallon of Car A to Car B.

Car A	
Amount of Gas (Gallons)	Distance Travelled (km)
1	38
2	64
5	148
6	183
7	207

$$38+64+148+183+207 = 640 \text{ total km}$$

$$1+2+5+6+7 = 21 \text{ total gallons}$$

$$640 \div 21 = 30.5$$



$$22+54+84+170+257 = 587 \text{ total km}$$

$$1+2+3+6+9 = 21 \text{ total gallons}$$

$$587 \div 21 = 28.0$$

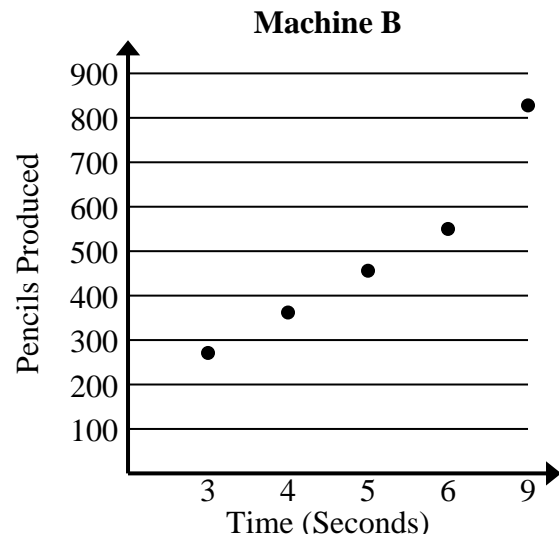
- 2) Compare the approximate pencils per second produced by Machine A to Machine B.

Machine A	
Time (Seconds)	Pencils Produced
3	288
4	382
5	475
6	568
8	754

$$288+382+475+568+754 = 2,467 \text{ total pencils}$$

$$3+4+5+6+8 = 26 \text{ total seconds}$$

$$2,467 \div 26 = 94.9$$



$$271+362+456+550+828 = 2,467 \text{ total pencils}$$

$$3+4+5+6+9 = 27 \text{ total seconds}$$

$$2,467 \div 27 = 91.4$$

**Solve each problem.**

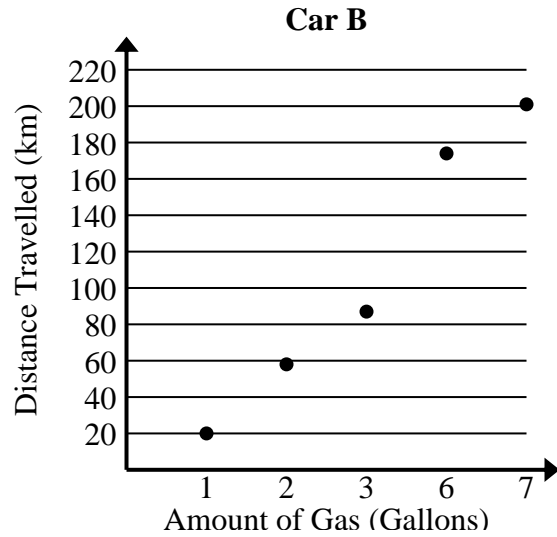
- 1) Compare the approximate kilometers per gallon of Car A to Car B.

Car A	
Amount of Gas (Gallons)	Distance Travelled (km)
1	34
2	65
3	98
8	242
9	273

$$34+65+98+242+273 = 712 \text{ total km}$$

$$1+2+3+8+9 = 23 \text{ total gallons}$$

$$712 \div 23 = 31.0$$



$$20+58+87+174+201 = 540 \text{ total km}$$

$$1+2+3+6+7 = 19 \text{ total gallons}$$

$$540 \div 19 = 28.4$$

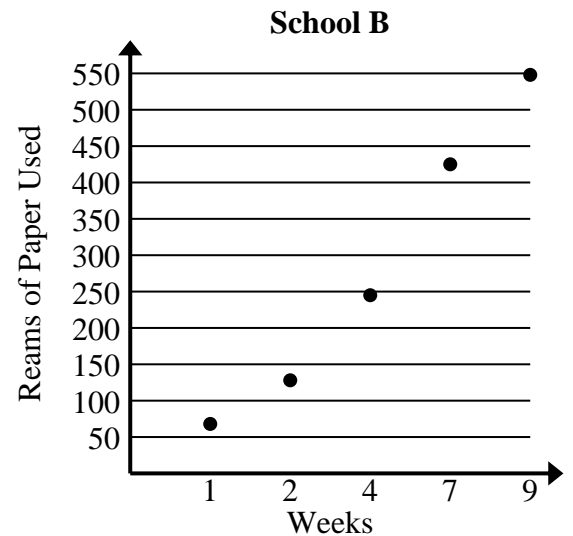
- 2) Compare the approximate reams of paper used per week of School A to School B.

School A	
Weeks	Reams of Paper Used
1	54
4	233
7	414
8	473
9	532

$$54+233+414+473+532 = 1,706 \text{ total reams used}$$

$$1+4+7+8+9 = 29 \text{ total weeks}$$

$$1,706 \div 29 = 58.8$$



$$68+128+245+425+548 = 1,414 \text{ total reams used}$$

$$1+2+4+7+9 = 23 \text{ total weeks}$$

$$1,414 \div 23 = 61.5$$

**Solve each problem.**

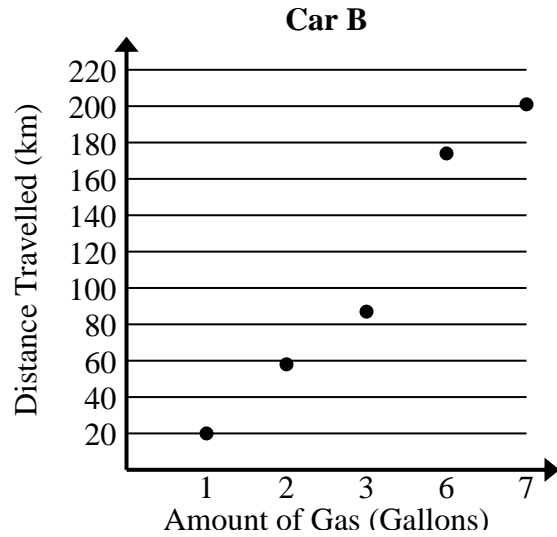
- 1) Compare the approximate kilometers per gallon of Car A to Car B.

Car A	
Amount of Gas (Gallons)	Distance Travelled (km)
1	34
2	65
3	98
8	242
9	273

$$34+65+98+242+273 = 712 \text{ total km}$$

$$1+2+3+8+9 = 23 \text{ total gallons}$$

$$712 \div 23 = 31.0$$



$$20+58+87+174+201 = 540 \text{ total km}$$

$$1+2+3+6+7 = 19 \text{ total gallons}$$

$$540 \div 19 = 28.4$$

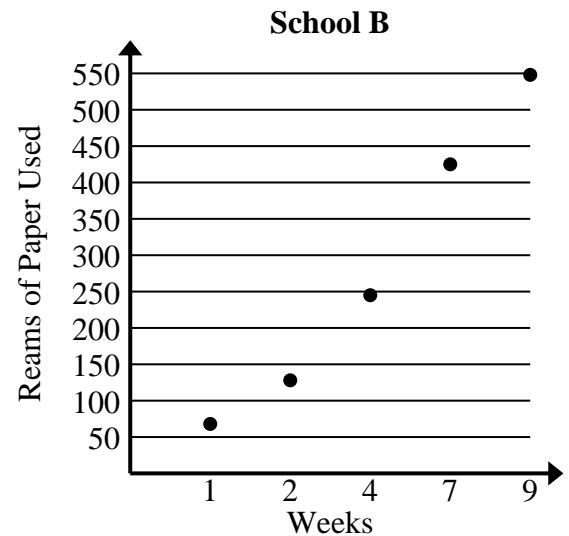
- 2) Compare the approximate reams of paper used per week of School A to School B.

School A	
Weeks	Reams of Paper Used
1	54
4	233
7	414
8	473
9	532

$$54+233+414+473+532 = 1,706 \text{ total reams used}$$

$$1+4+7+8+9 = 29 \text{ total weeks}$$

$$1,706 \div 29 = 58.8$$



$$68+128+245+425+548 = 1,414 \text{ total reams used}$$

$$1+2+4+7+9 = 23 \text{ total weeks}$$

$$1,414 \div 23 = 61.5$$

**Solve each problem.**

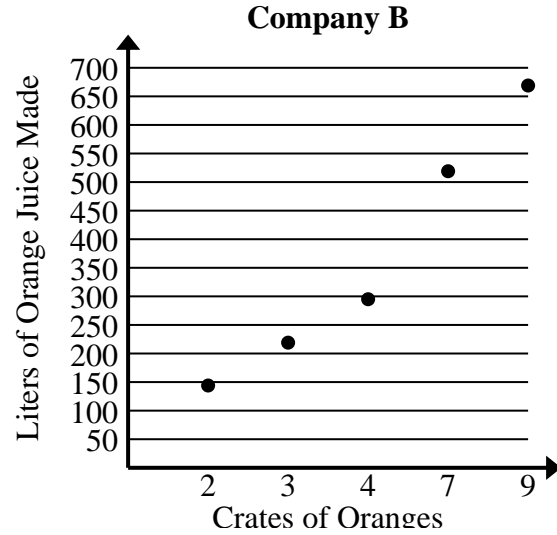
- 1) Compare the approximate liters of orange juice produced per crates used of Company A to Company B.

Company A	
Crates of Oranges	Liters of Orange Juice Made
1	81
3	230
6	457
7	530
8	605

$$81+230+457+530+605 = 1,903 \text{ total liters}$$

$$1+3+6+7+8 = 25 \text{ total crates}$$

$$1,903 \div 25 = 76.1$$



$$144+219+295+519+669 = 1,846 \text{ total liters}$$

$$2+3+4+7+9 = 25 \text{ total crates}$$

$$1,846 \div 25 = 73.8$$

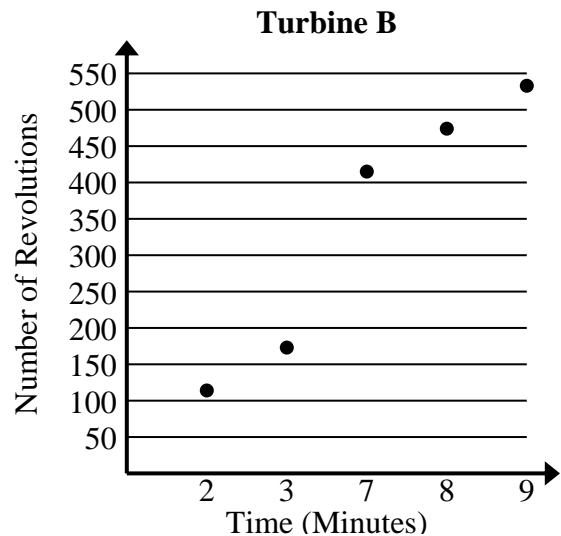
- 2) Compare the approximate revolution per minute of Turbine A to Turbine B.

Turbine A	
Time (Minutes)	Number of Revolutions
2	127
4	245
5	305
7	427
9	547

$$127+245+305+427+547 = 1,651 \text{ total revolutions}$$

$$2+4+5+7+9 = 27 \text{ total minutes}$$

$$1,651 \div 27 = 61.1$$



$$114+173+415+474+533 = 1,709 \text{ total revolutions}$$

$$2+3+7+8+9 = 29 \text{ total minutes}$$

$$1,709 \div 29 = 58.9$$

**Solve each problem.**

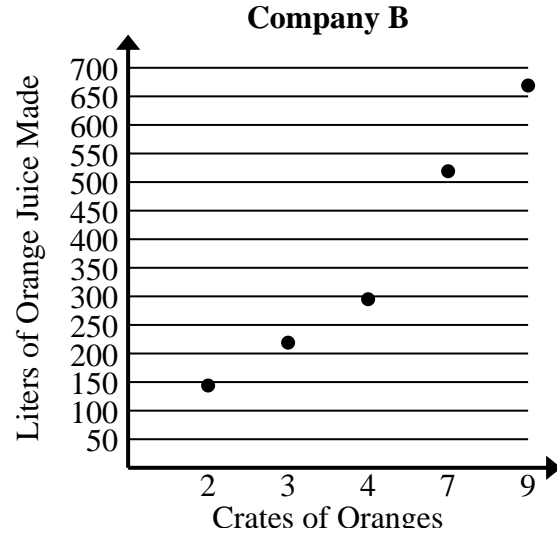
- 1) Compare the approximate liters of orange juice produced per crates used of Company A to Company B.

Company A	
Crates of Oranges	Liters of Orange Juice Made
1	81
3	230
6	457
7	530
8	605

$$81+230+457+530+605 = 1,903 \text{ total liters}$$

$$1+3+6+7+8 = 25 \text{ total crates}$$

$$1,903 \div 25 = 76.1$$



$$144+219+295+519+669 = 1,846 \text{ total liters}$$

$$2+3+4+7+9 = 25 \text{ total crates}$$

$$1,846 \div 25 = 73.8$$

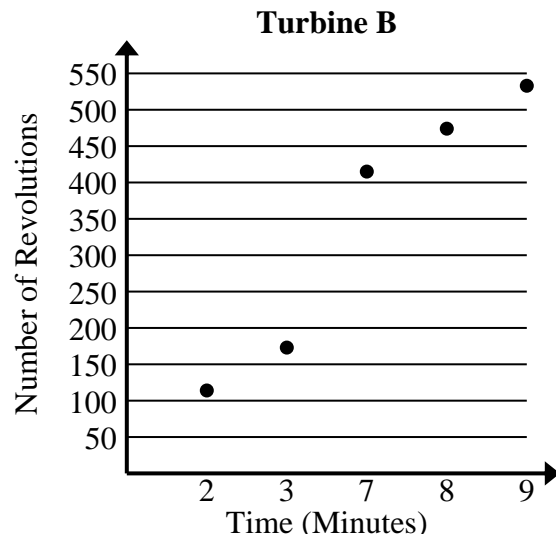
- 2) Compare the approximate revolution per minute of Turbine A to Turbine B.

Turbine A	
Time (Minutes)	Number of Revolutions
2	127
4	245
5	305
7	427
9	547

$$127+245+305+427+547 = 1,651 \text{ total revolutions}$$

$$2+4+5+7+9 = 27 \text{ total minutes}$$

$$1,651 \div 27 = 61.1$$



$$114+173+415+474+533 = 1,709 \text{ total revolutions}$$

$$2+3+7+8+9 = 29 \text{ total minutes}$$

$$1,709 \div 29 = 58.9$$

**Solve each problem.**

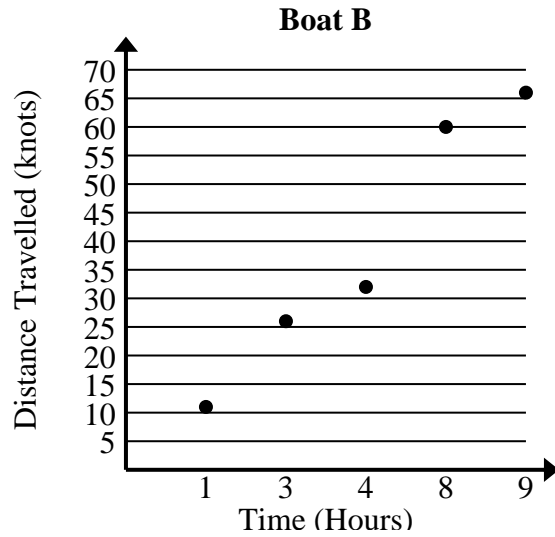
- 1) Compare the approximate speed per hour of Boat A to Boat B.

Boat A	
Time (Hours)	Distance Travelled (knots)
1	4
3	17
6	37
7	44
9	59

$$4+17+37+44+59 = 161 \text{ total knots}$$

$$1+3+6+7+9 = 26 \text{ total hours}$$

$$161 \div 26 = 6.2$$



$$11+26+32+60+66 = 195 \text{ total knots}$$

$$1+3+4+8+9 = 25 \text{ total hours}$$

$$195 \div 25 = 7.8$$

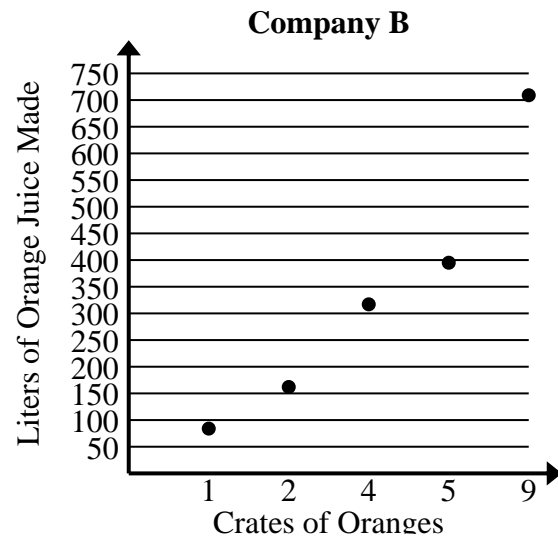
- 2) Compare the approximate liters of orange juice produced per crates used of Company A to Company B.

Company A	
Crates of Oranges	Liters of Orange Juice Made
2	150
3	228
4	306
7	541
9	697

$$150+228+306+541+697 = 1,922 \text{ total liters}$$

$$2+3+4+7+9 = 25 \text{ total crates}$$

$$1,922 \div 25 = 76.9$$



$$84+162+317+395+709 = 1,667 \text{ total liters}$$

$$1+2+4+5+9 = 21 \text{ total crates}$$

$$1,667 \div 21 = 79.4$$

**Solve each problem.**

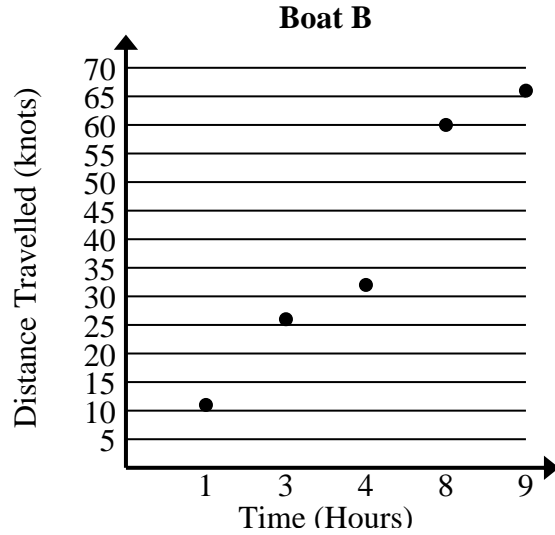
- 1) Compare the approximate speed per hour of Boat A to Boat B.

Boat A	
Time (Hours)	Distance Travelled (knots)
1	4
3	17
6	37
7	44
9	59

$$4+17+37+44+59 = 161 \text{ total knots}$$

$$1+3+6+7+9 = 26 \text{ total hours}$$

$$161 \div 26 = 6.2$$



$$11+26+32+60+66 = 195 \text{ total knots}$$

$$1+3+4+8+9 = 25 \text{ total hours}$$

$$195 \div 25 = 7.8$$

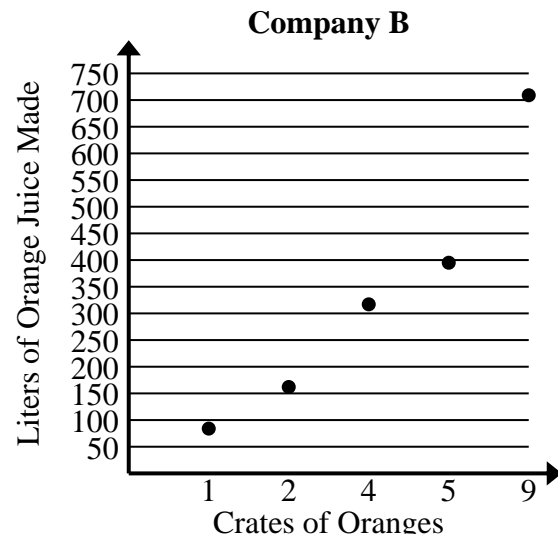
- 2) Compare the approximate liters of orange juice produced per crates used of Company A to Company B.

Company A	
Crates of Oranges	Liters of Orange Juice Made
2	150
3	228
4	306
7	541
9	697

$$150+228+306+541+697 = 1,922 \text{ total liters}$$

$$2+3+4+7+9 = 25 \text{ total crates}$$

$$1,922 \div 25 = 76.9$$



$$84+162+317+395+709 = 1,667 \text{ total liters}$$

$$1+2+4+5+9 = 21 \text{ total crates}$$

$$1,667 \div 21 = 79.4$$

**Solve each problem.**

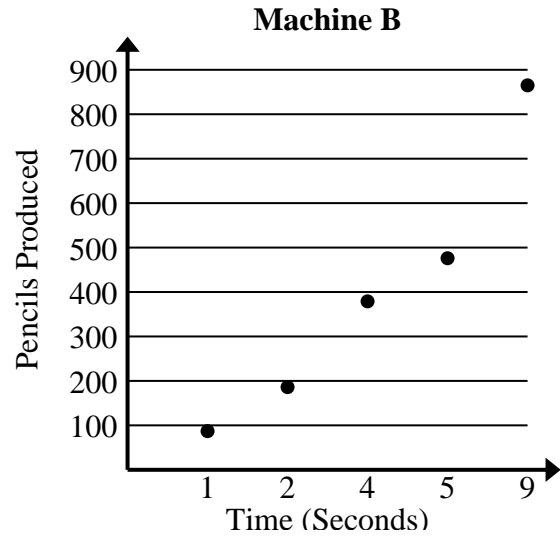
- 1) Compare the approximate pencils per second produced by Machine A to Machine B.

Machine A	
Time (Seconds)	Pencils Produced
2	204
4	396
6	590
7	689
8	785

$$204+396+590+689+785 = 2,664 \text{ total pencils}$$

$$2+4+6+7+8 = 27 \text{ total seconds}$$

$$2,664 \div 27 = 98.7$$



$$87+186+379+476+865 = 1,993 \text{ total pencils}$$

$$1+2+4+5+9 = 21 \text{ total seconds}$$

$$1,993 \div 21 = 94.9$$

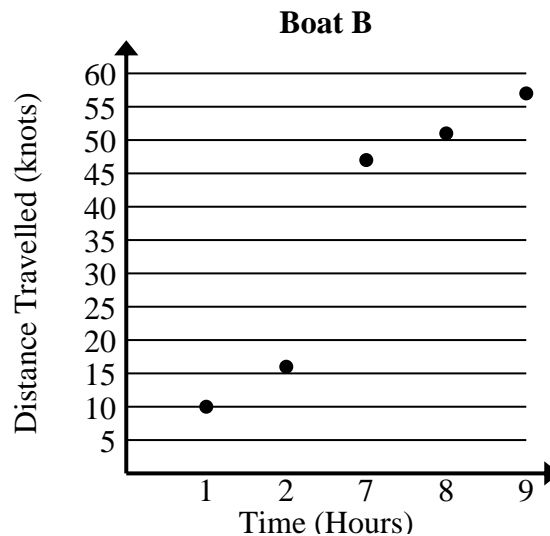
- 2) Compare the approximate speed per hour of Boat A to Boat B.

Boat A	
Time (Hours)	Distance Travelled (knots)
1	2
2	7
6	33
8	44
9	49

$$2+7+33+44+49 = 135 \text{ total knots}$$

$$1+2+6+8+9 = 26 \text{ total hours}$$

$$135 \div 26 = 5.2$$



$$10+16+47+51+57 = 181 \text{ total knots}$$

$$1+2+7+8+9 = 27 \text{ total hours}$$

$$181 \div 27 = 6.7$$

**Solve each problem.**

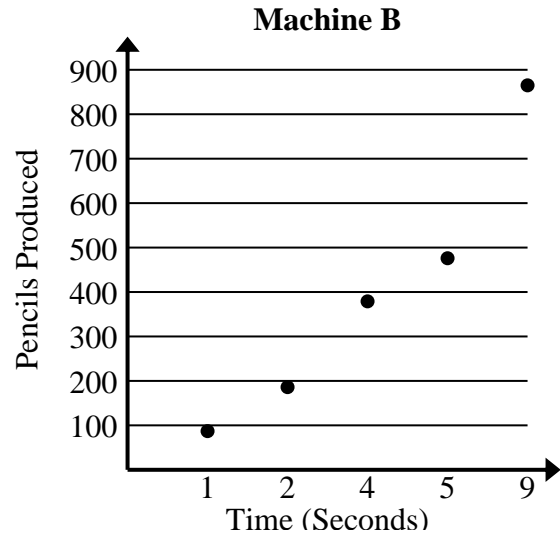
- 1) Compare the approximate pencils per second produced by Machine A to Machine B.

Machine A	
Time (Seconds)	Pencils Produced
2	204
4	396
6	590
7	689
8	785

$$204+396+590+689+785 = 2,664 \text{ total pencils}$$

$$2+4+6+7+8 = 27 \text{ total seconds}$$

$$2,664 \div 27 = 98.7$$



$$87+186+379+476+865 = 1,993 \text{ total pencils}$$

$$1+2+4+5+9 = 21 \text{ total seconds}$$

$$1,993 \div 21 = 94.9$$

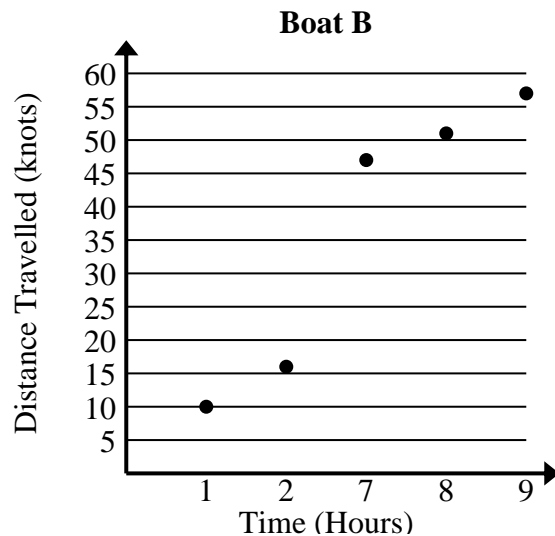
- 2) Compare the approximate speed per hour of Boat A to Boat B.

Boat A	
Time (Hours)	Distance Travelled (knots)
1	2
2	7
6	33
8	44
9	49

$$2+7+33+44+49 = 135 \text{ total knots}$$

$$1+2+6+8+9 = 26 \text{ total hours}$$

$$135 \div 26 = 5.2$$



$$10+16+47+51+57 = 181 \text{ total knots}$$

$$1+2+7+8+9 = 27 \text{ total hours}$$

$$181 \div 27 = 6.7$$