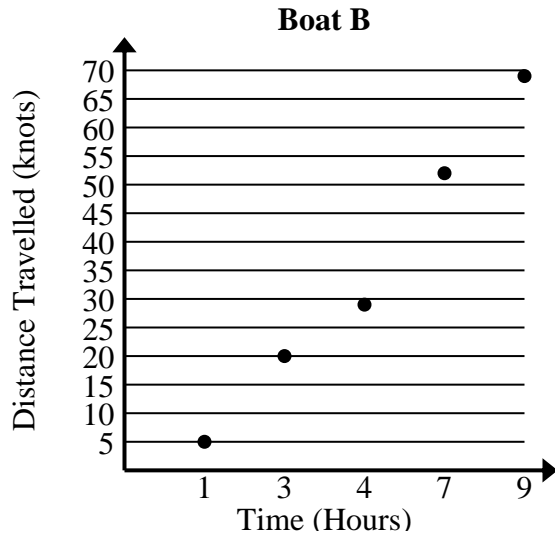




Solve each problem.

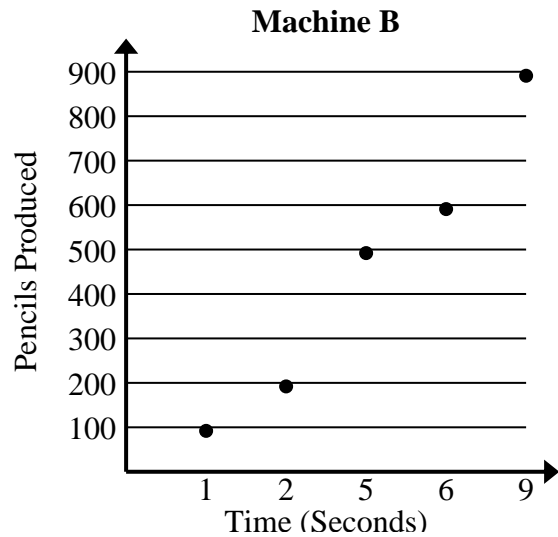
- 1) Compare the approximate speed per hour of Boat A to Boat B.

Boat A	
Time (Hours)	Distance Travelled (knots)
1	12
4	36
6	51
7	61
8	69



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

Machine A	
Time (Seconds)	Pencils Produced
1	109
5	508
6	609
7	709
9	910





Solve each problem.

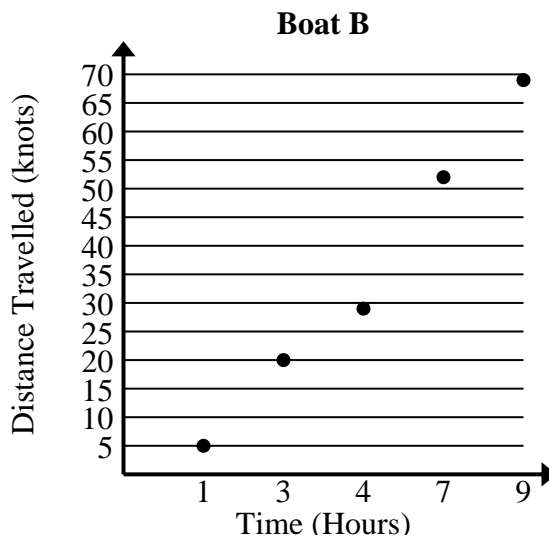
- 1) Compare the approximate speed per hour of Boat A to Boat B.

Boat A	
Time (Hours)	Distance Travelled (knots)
1	12
4	36
6	51
7	61
8	69

$$12+36+51+61+69 = 229 \text{ total knots}$$

$$1+4+6+7+8 = 26 \text{ total hours}$$

$$229 \div 26 = 8.8$$



$$5+20+29+52+69 = 175 \text{ total knots}$$

$$1+3+4+7+9 = 24 \text{ total hours}$$

$$175 \div 24 = 7.3$$

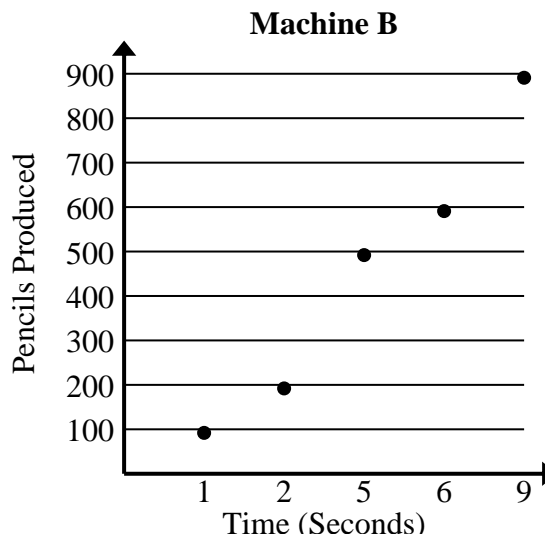
- 2) Compare the approximate pencils per second produced by Machine A to Machine B.

Machine A	
Time (Seconds)	Pencils Produced
1	109
5	508
6	609
7	709
9	910

$$109+508+609+709+910 = 2,845 \text{ total pencils}$$

$$1+5+6+7+9 = 28 \text{ total seconds}$$

$$2,845 \div 28 = 101.6$$



$$92+192+492+591+891 = 2,258 \text{ total pencils}$$

$$1+2+5+6+9 = 23 \text{ total seconds}$$

$$2,258 \div 23 = 98.2$$