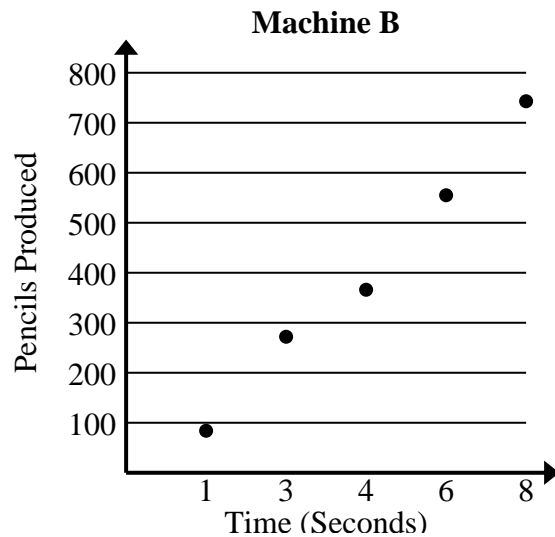




Solve each problem.

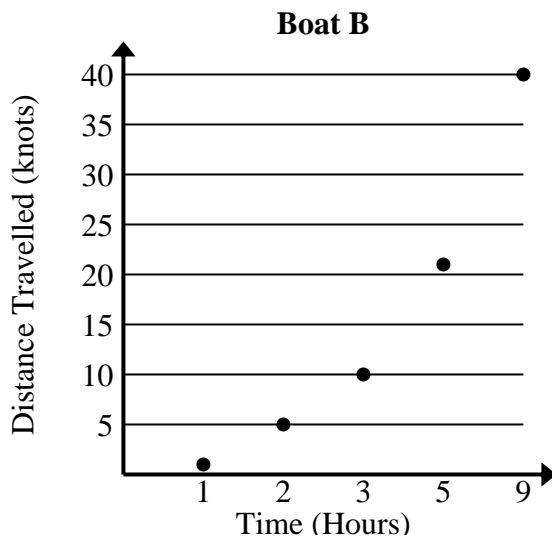
- 1) Compare the approximate pencils per second produced by Machine A to Machine B.

Machine A	
Time (Seconds)	Pencils Produced
3	290
4	384
5	478
6	573
9	856



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

Boat A	
Time (Hours)	Distance Travelled (knots)
5	30
6	35
7	39
8	44
9	49





Solve each problem.

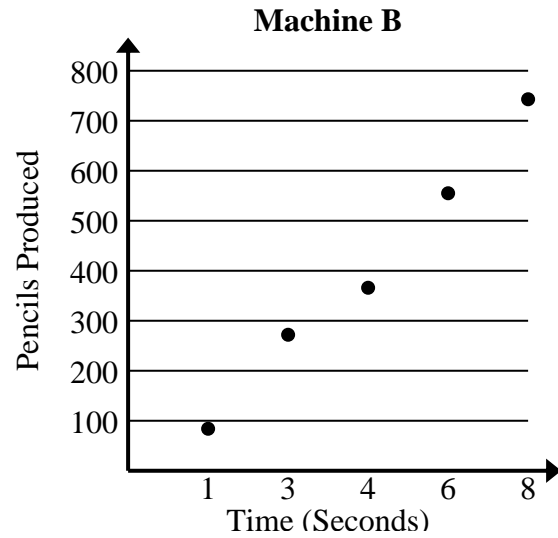
- 1) Compare the approximate pencils per second produced by Machine A to Machine B.

Machine A	
Time (Seconds)	Pencils Produced
3	290
4	384
5	478
6	573
9	856

$$290+384+478+573+856 = 2,581 \text{ total pencils}$$

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

$$2,581 \div 27 = 95.6$$



$$84+272+366+555+743 = 2,020 \text{ total pencils}$$

$$1+3+4+6+8 = 22 \text{ total seconds}$$

$$2,020 \div 22 = 91.8$$

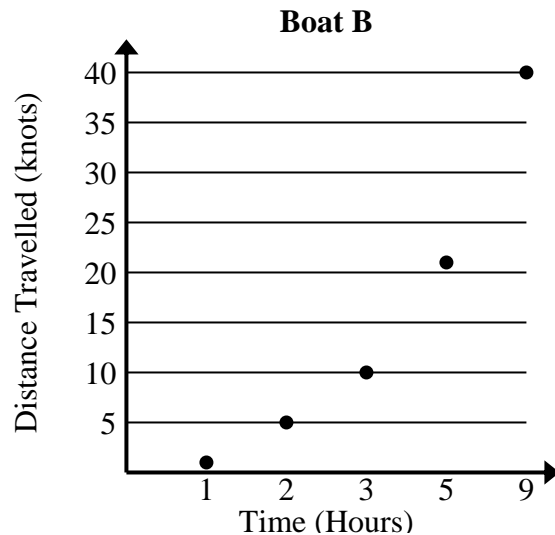
- 2) Compare the approximate speed per hour of Boat A to Boat B.

Boat A	
Time (Hours)	Distance Travelled (knots)
5	30
6	35
7	39
8	44
9	49

$$30+35+39+44+49 = 197 \text{ total knots}$$

$$5+6+7+8+9 = 35 \text{ total hours}$$

$$197 \div 35 = 5.6$$



$$1+5+10+21+40 = 77 \text{ total knots}$$

$$1+2+3+5+9 = 20 \text{ total hours}$$

$$77 \div 20 = 3.9$$