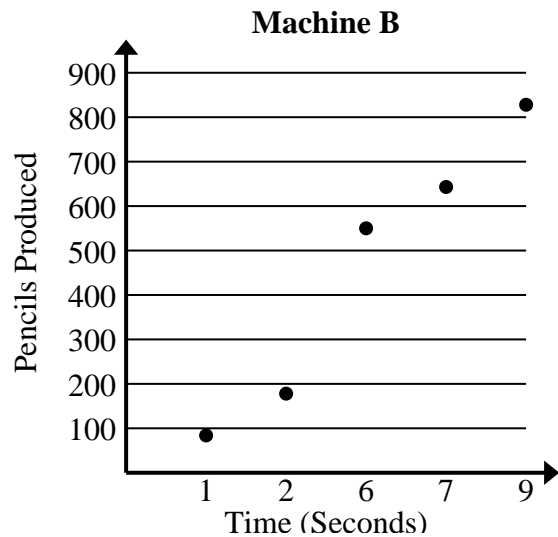




Solve each problem.

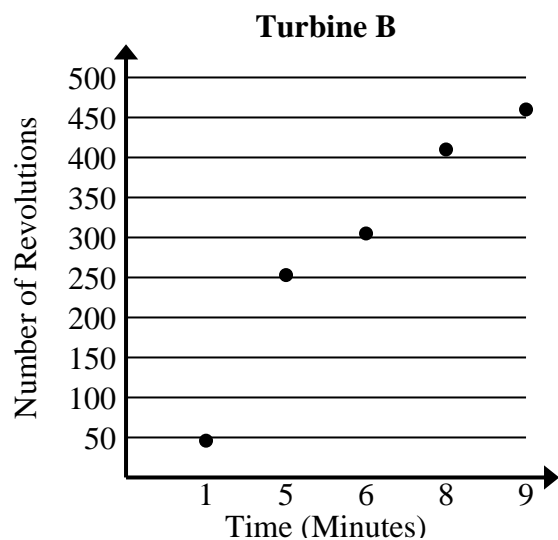
- 1) Compare the approximate pencils per second produced by Machine A to Machine B.

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





Solve each problem.

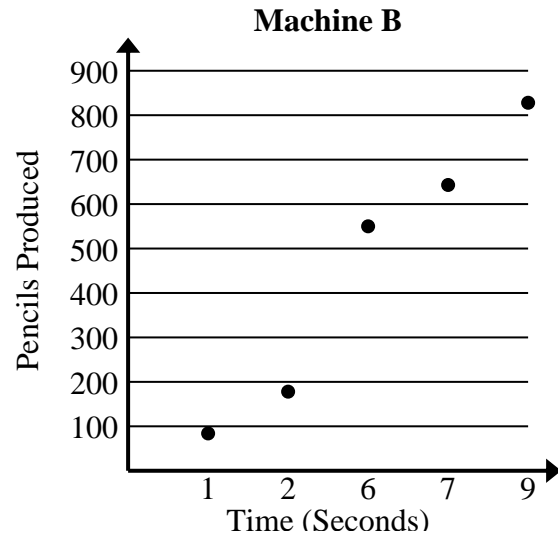
- 1) Compare the approximate pencils per second produced by Machine A to Machine B.

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

$$103+195+289+568+661 = 1,816 \text{ total pencils}$$

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

$$1,816 \div 19 = 95.6$$



$$84+178+550+643+828 = 2,283 \text{ total pencils}$$

$$1+2+6+7+9 = 25 \text{ total seconds}$$

$$2,283 \div 25 = 91.3$$

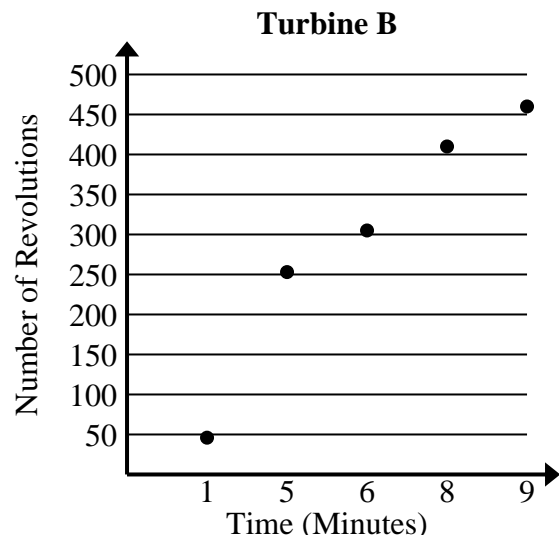
- 2) Compare the approximate revolution per minute of Turbine A to Turbine B.

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

$$60+162+265+320+422 = 1,229 \text{ total revolutions}$$

$$1+3+5+6+8 = 23 \text{ total minutes}$$

$$1,229 \div 23 = 53.4$$



$$46+253+305+410+460 = 1,474 \text{ total revolutions}$$

$$1+5+6+8+9 = 29 \text{ total minutes}$$

$$1,474 \div 29 = 50.8$$