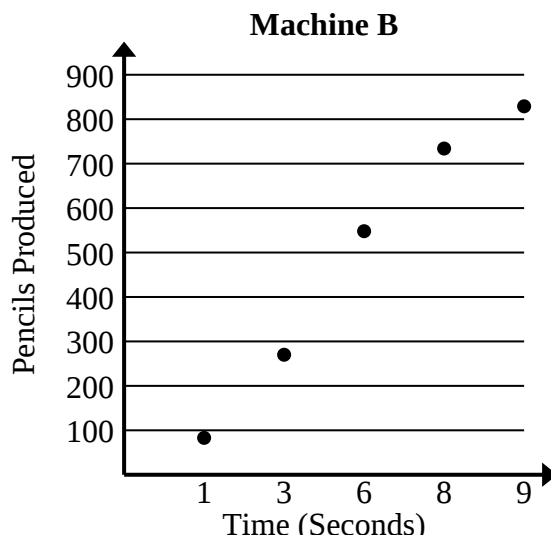


**Solve each problem.**

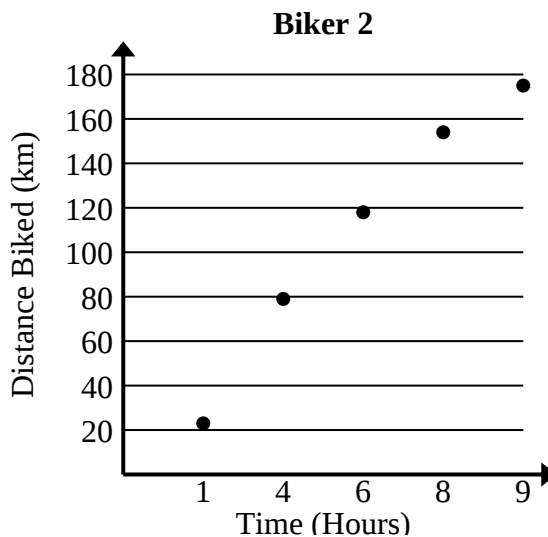
- 1) Compare the approximate pencils per second produced by Machine A to Machine B.

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



**Solve each problem.**

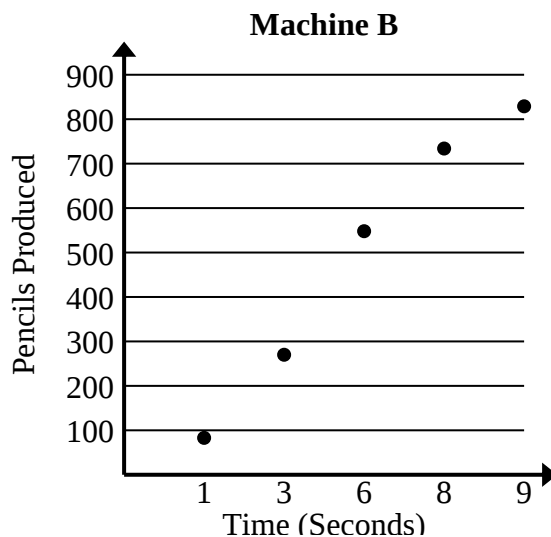
- 1) Compare the approximate pencils per second produced by Machine A to Machine B.

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

$$194+473+660+754+846 = 2,927 \text{ total pencils}$$

$$2+5+7+8+9 = 31 \text{ total seconds}$$

$$2,927 \div 31 = 94.4$$



$$83+270+548+734+829 = 2,464 \text{ total pencils}$$

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

$$2,464 \div 27 = 91.3$$

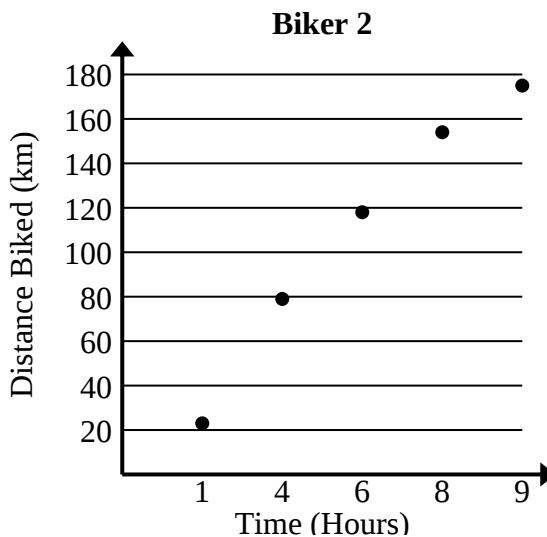
- 2) Compare the approximate speed of Biker 1 to Biker 2.

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

$$36+73+92+149+167 = 517 \text{ total km}$$

$$2+4+5+8+9 = 28 \text{ total hours}$$

$$517 \div 28 = 18.5$$



$$23+79+118+154+175 = 549 \text{ total km}$$

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

$$549 \div 28 = 19.6$$