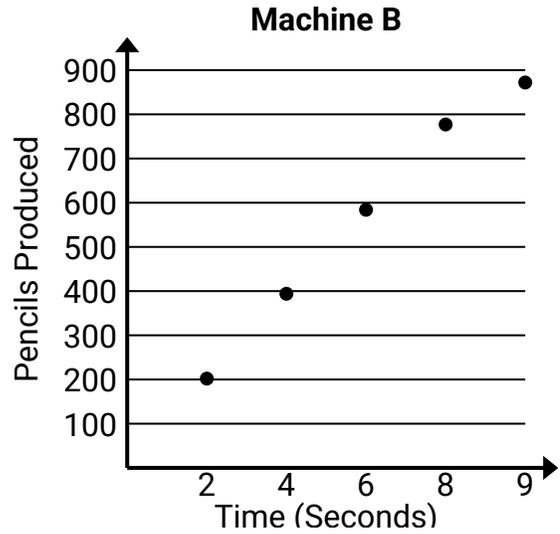




Solve each problem.

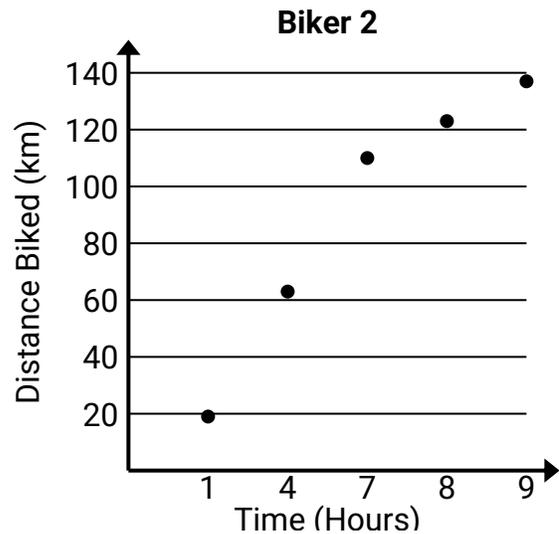
1) Compare the approximate pencils per second produced by Machine A to Machine B.

Machine A	
Time (Seconds)	Pencils Produced
2	183
3	280
5	471
6	567
8	760



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

Biker 1	
Time (Hours)	Distance Biked (km)
2	27
3	41
4	55
6	87
8	115





Solve each problem.

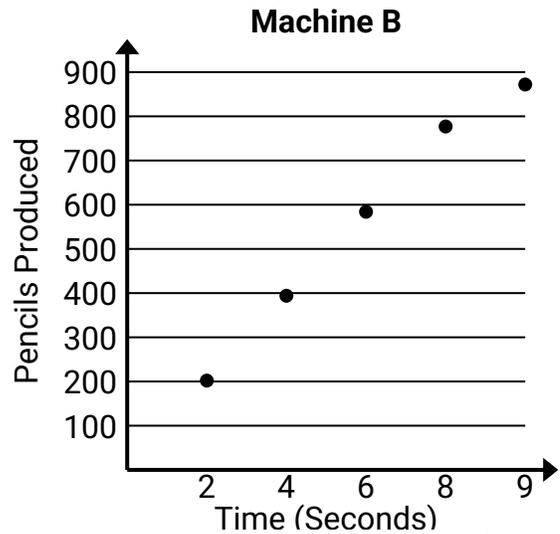
1) Compare the approximate pencils per second produced by Machine A to Machine B.

Machine A	
Time (Seconds)	Pencils Produced
2	183
3	280
5	471
6	567
8	760

$$183+280+471+567+760 = 2,261 \text{ total pencils}$$

$$2+3+5+6+8 = 24 \text{ total seconds}$$

$$2,261 \div 24 = 94.2$$



$$202+394+584+777+872 = 2,829 \text{ total pencils}$$

$$2+4+6+8+9 = 29 \text{ total seconds}$$

$$2,829 \div 29 = 97.6$$

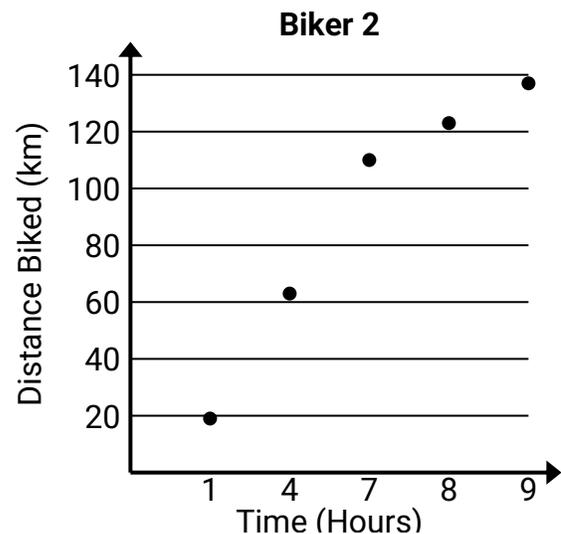
2) Compare the approximate speed of Biker 1 to Biker 2.

Biker 1	
Time (Hours)	Distance Biked (km)
2	27
3	41
4	55
6	87
8	115

$$27+41+55+87+115 = 325 \text{ total km}$$

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

$$325 \div 23 = 14.1$$



$$19+63+110+123+137 = 452 \text{ total km}$$

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

$$452 \div 29 = 15.6$$