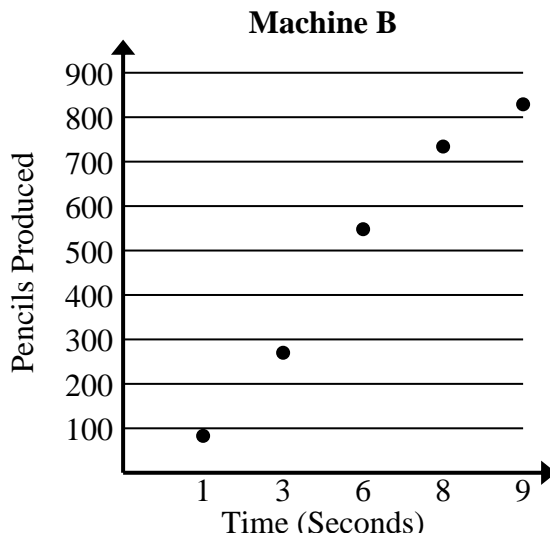




Solve each problem.

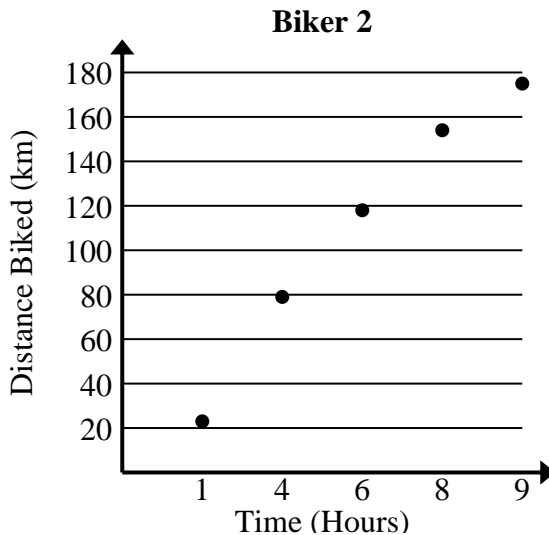
1) Compare the approximate pencils per second produced by Machine A to Machine B.

| 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.

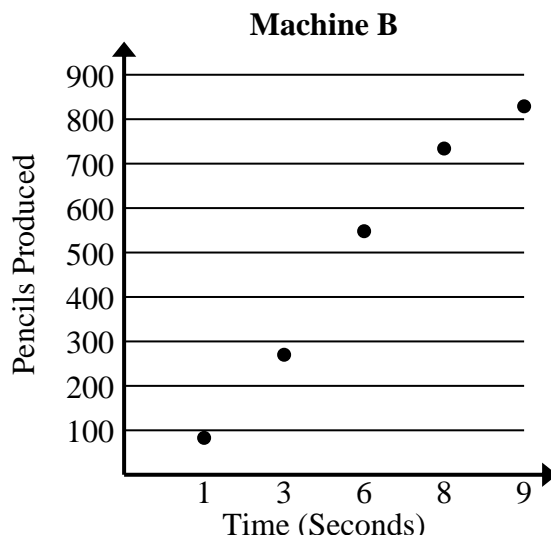
- 1) Compare the approximate pencils per second produced by Machine A to Machine B.

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

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

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

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



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

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

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

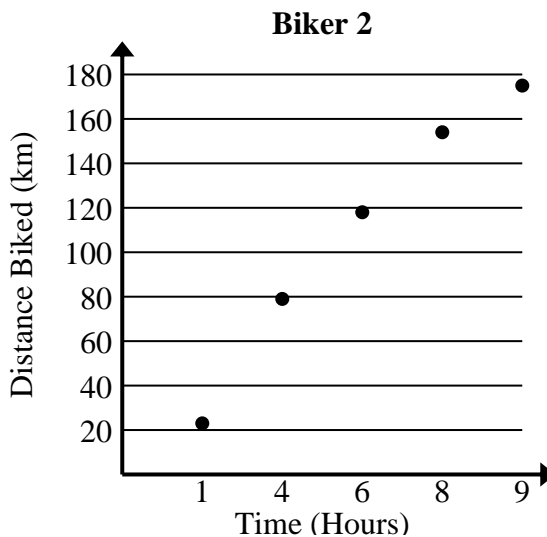
- 2) Compare the approximate speed of Biker 1 to Biker 2.

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

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

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

$$517 \div 28 = 18.5$$



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

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

$$549 \div 28 = 19.6$$