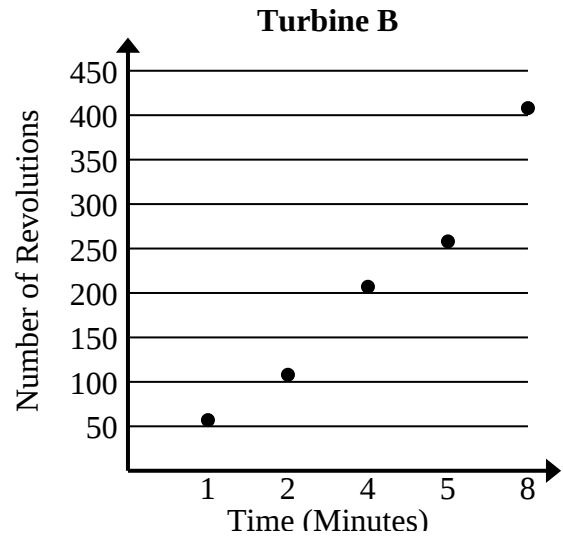


**Solve each problem.**

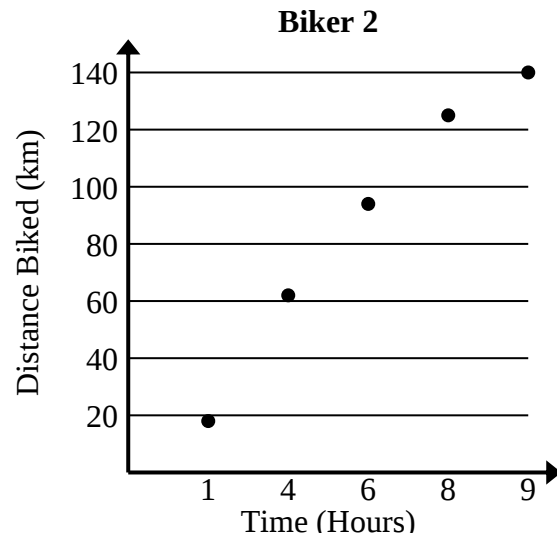
- 1) Compare the approximate revolution per minute of Turbine A to Turbine B.

Turbine A	
Time (Minutes)	Number of Revolutions
3	143
4	192
5	245
7	345
8	393



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

Biker 1	
Time (Hours)	Distance Biked (km)
4	57
5	72
6	85
8	116
9	131



**Solve each problem.**

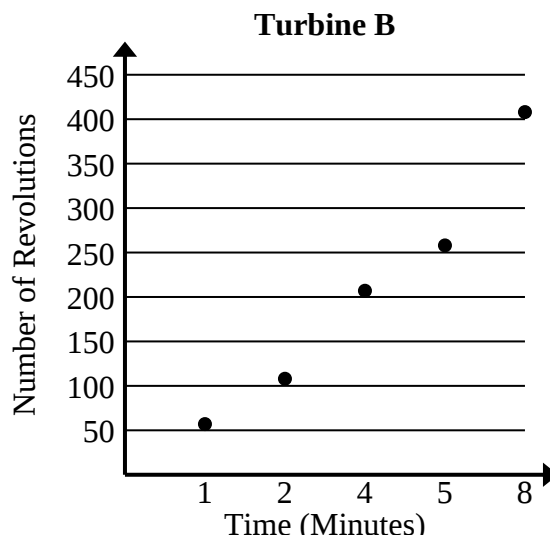
- 1) Compare the approximate revolution per minute of Turbine A to Turbine B.

Turbine A	
Time (Minutes)	Number of Revolutions
3	143
4	192
5	245
7	345
8	393

$$143+192+245+345+393 = 1,318 \text{ total revolutions}$$

$$3+4+5+7+8 = 27 \text{ total minutes}$$

$$1,318 \div 27 = 48.8$$



$$57+108+207+258+408 = 1,038 \text{ total revolutions}$$

$$1+2+4+5+8 = 20 \text{ total minutes}$$

$$1,038 \div 20 = 51.9$$

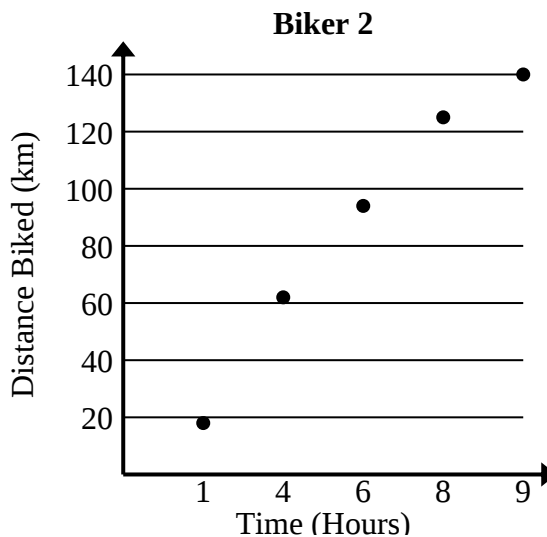
- 2) Compare the approximate speed of Biker 1 to Biker 2.

Biker 1	
Time (Hours)	Distance Biked (km)
4	57
5	72
6	85
8	116
9	131

$$57+72+85+116+131 = 461 \text{ total km}$$

$$4+5+6+8+9 = 32 \text{ total hours}$$

$$461 \div 32 = 14.4$$



$$18+62+94+125+140 = 439 \text{ total km}$$

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

$$439 \div 28 = 15.7$$