4 students are all members of a biking team. One Friday their coach asked them to go for a long ride over the weekend and bring their time and distance results to practice on Monday. Analyze the information they brought to the coach and use it to draw conclusions and answer the questions. (Using the given information, assume each person rides at a steady rate and they do not count the time they take for breaks.)

1. What is the distance each person can ride in 4 hours?

   Montana   Keri

   Troy   Sam

2. How much riding time will it take for each person to ride 60 miles?

   Montana   Keri

   Troy   Sam

3. What distance can each person ride in 10 hours?

   Montana   Keri

   Troy   Sam

4. Write an equation to represent the distance d, each person can ride in t hours.

   Montana   Keri

   Troy   Sam

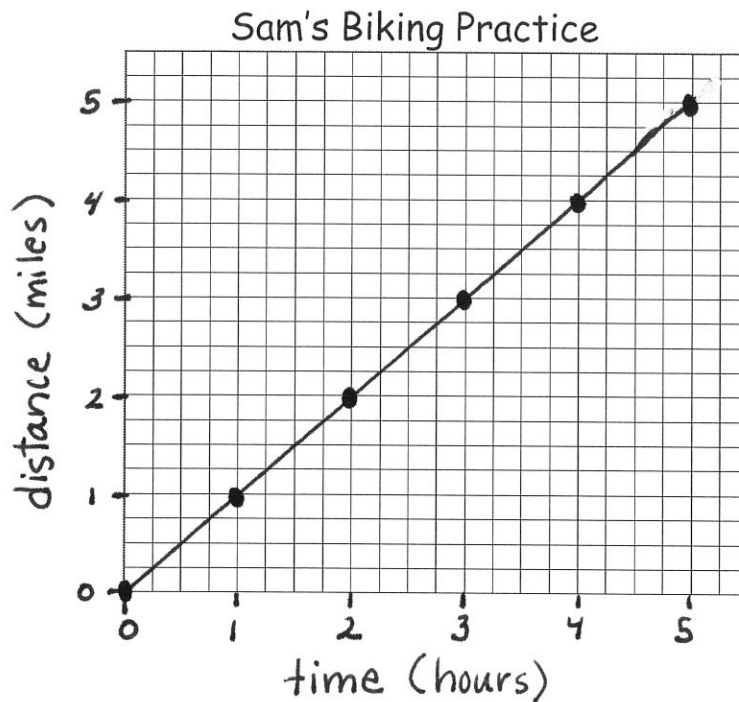5. Who is the fastest rider? What reasons do you have to support your answer?

6. Who is the slowest rider? What reasons do you have to support your answer?

Time and Distance Results:

Montana told the coach her distance can be determined by the expression $6t$, where t stands for the time in hours.

Troy said he could ride 30 miles in 4 hours.

Sam graphed his time and distance, as shown in the graph below.

Sam's Biking Practice

Keri showed how her distance changed over time, as described in the table below.

Time (hours)	0	$\frac{1}{2}$	1	$1\frac{1}{2}$	2	$2\frac{1}{2}$	3	...
Distance (miles)	0	4	8	12	16	20	24	...