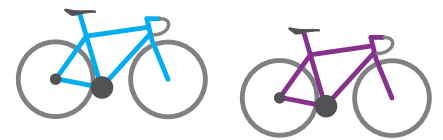# Speeding Bikes

Use the multiplication area model strategy to find out how far these cyclists traveled.

Example:

Barrett usually cycles 45 kilometers in one hour. If he bikes for 3 hours, how many kilometers did he bike?

45

x   3

x	**40**	**5**
3	120	15

Answers

1. Louisa usually cycles 37 kilometers in one hour. How many kilometers would she bike in 6 hours? Fill in the arrays model.

Answer: 222

x	30	7
6	180	42

2. Zion usually cycles 23 kilometers in one hour. How many kilometers would he bike in 9 hours? Fill in the arrays model.

Answer: 207

x	20	3
9	180	27

3. Nate usually cycles 44 kilometers in one hour. How many kilometers would he bike in 5 hours? Fill in the arrays model.

Answer: 220

x	40	4
5	200	20

4. Uwe usually cycles 39 kilometers in one hour. How many kilometers would he bike in 7 hours? Fill in the arrays model.

Answer: 273

x	30	9
7	210	63