STUDY LINK 5·4 | **Estimating Products**

Estimate whether the answer will be in the tens, hundreds, thousands, or more. Write a number model to show how you estimated. Then circle the box that shows your estimate.

1. A koala sleeps an average of 22 hours each day. About how many hours does a koala sleep in a year?

Number model: _____

10s	100s	1,000s	10,000s	100,000s	1,000,000s

2. A prairie vole (a mouselike rodent) has an average of 9 babies per litter. If it has 17 litters in a season, about how many babies are produced?

Number model: _____

10s	100s	1,000s	10,000s	100,000s	1,000,000s

3. Golfers lose, on average, about 5 golf balls per round of play. About how many golf balls will an average golfer lose playing one round every day for one year?

Number model: _____

10s	100s	1,000s	10,000s	100,000s	1,000,000s

4. In the next hour, the people in France will save 12,000 trees by recycling paper. About how many trees will they save in two days?

Number model: _____

10s	100s	1,000s	10,000s	100,000s	1,000,000s

Try This

5. How many digits can the product of two 2-digit numbers have? Give examples to support your answer.

_____

Practice

6. $60 * 7 =$ _____   7. $4 * 80 =$ _____   8. _____ $= 200 * 9$

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