

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. _____ = $200 * 9$