

Name _____

Multiplication and Division Comparison Problems

For 1 through 4, write a multiplication equation or a division equation and solve.

1. During one week, Nancy practiced her flute for 12 hours. She practiced 3 times as many hours as Ellen practiced her clarinet. For how many hours did Ellen practice her clarinet?

2. The height of a plant in Ruth's backyard is 2 feet. A tree in her backyard is 14 feet tall. How many times as tall as the plant is the tree?

3. A small pizza costs \$3. A large pizza costs 3 times as much as a small pizza. How much does the large pizza cost?

4. The height of a bookshelf is 6 feet. The width of the bookshelf is 2 feet. How many times the width of the bookshelf is the height of the bookshelf?

5. A pet store has 3 times as many dogs as cats. The store has 18 dogs. Which equation could you use to find how many cats are in the store?

A $18 \times ? = 3$ **B** $3 \div ? = 18$ **C** $3 \times ? = 18$ **D** $18 - ? = 3$

6. **Draw a Picture** Aleks' team uses 5 times as many white volleyballs as tan volleyballs for practice. His team uses 7 tan volleyballs. How many white volleyballs does his team use?



_____ white volleyballs