

## 7-2 Homework

Name \_\_\_\_\_

Date \_\_\_\_\_

- 1 Follow the Order of Operations to simplify  $27 \div (3 \cdot 3) + 17$

**Step 1** Perform operations inside \_\_\_\_\_  
parentheses.

**Step 2** Multiply and divide from left \_\_\_\_\_  
to right.

**Step 3** Add and subtract from left to \_\_\_\_\_  
right.

**Simplify. Follow the Order of Operations.**

2  $54 - 200 \div 4$

3  $0.8 \div (0.07 - 0.06)$

4  $3 \cdot 8 - 6 \div 2$

5  $(\frac{3}{8} + \frac{1}{4}) \cdot 16$

6  $64 + 46 - 21 + 29$

7  $72 \div (7 - 1) \cdot 3$

8  $0.8 - 0.5 \div 5 + 0.2$   
0.

9  $\frac{5}{6} - 4 \cdot \frac{1}{12}$

10  $5 \cdot 15 \div 3$

11  $32 \div (2.3 + 1.7) \cdot 3$

12  $(1\frac{1}{2} - \frac{3}{4}) \times \frac{1}{4}$

13  $(6.3 - 5.1) \cdot (0.7 + 0.3)$

14  $12 \div 0.1 + 12 \div 0.01$

15  $\frac{1}{2} \cdot \frac{1}{2} \div \frac{1}{2}$

16  $10 - 4 + 2 - 1$

Solve.

2  $5 \overline{)44.3}$

3  $2 \overline{)125.65}$

3  $5 \overline{)34.565}$

Write an equation to solve the problem. Draw a model if you need to.

- 4 The students of Turner Middle School are going on a field trip. There are 540 students attending. A bus can hold 45 students. How many buses are needed for the field trip?

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- 5 The area of a rectangular court is 433.37 square meters, and the length of the court is 28.7 meters. What is width of the court?

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Write the computation in words.

6  $5 \div \frac{1}{8}$  \_\_\_\_\_

7  $2.4 \div 0.6 + 0.2$  \_\_\_\_\_

- 8 **Stretch Your Thinking** Write step-by-step instructions for simplifying the following expression.

$$10 \cdot [60 \div (11 + 4)] - 3$$

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