

Homework

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. $0.8 - 0.5 \div 5 + 0.2$

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. $10 - 4 + 2 - 1$

Remembering

Solve.

1. $5 \overline{)44.3}$

2. $2 \overline{)125.65}$

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?

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?

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.

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