



Name _____ Date _____

Order of Operations

 (pages 16–19)

When you have more than one operation, the order of operations tells you which operation to use first.

Order of Operations

1. Multiply and divide in order from left to right.
2. Add and subtract in order from left to right.

EXAMPLES

Find the value of each expression.

A $15 - 2 \times 6$

$$15 - 2 \times 6 = 15 - 12 \quad \text{First multiply 2 by 6.}$$

$$= 3 \quad \text{Subtract 12 from 15.}$$

B $2 + 10 \div 5$

$$2 + 10 \div 5 = 2 + 2 \quad \text{First divide 10 by 5.}$$

$$= 4 \quad \text{Add 2 and 2.}$$

Try These Together

Find the value of each expression.

1. $8 - 5 + 13$

HINT: Add and subtract from left to right.

2. $3 + 7 \times 4$

HINT: Multiply first.

PRACTICE

Find the value of each expression.

3. $10 - 5 + 3$

4. $8 \times 2 - 16$

5. $15 - 3 \times 2$

6. $12 + 4 \times 3$

7. $1 + 4 - 3$

8. $2 \times 3 - 1$

9. $5 \times 5 + 5$

10. $6 \times 10 - 40$

11. $24 \div 3 - 6$

12. $50 \div 5 + 15$

13. $27 \div 9 \times 4$

14. $18 - 3 \times 5$

15. Find the value of $3 \times 5 - 4 \times 2$.

16. Find the value of $2 + 8 \times 3 - 6$.

17. What is the value of 10 times 3 divided by 6?

18. Money Matters Cassie makes \$2 for taking out the trash and \$1 for making her bed. If she took out the trash 3 times, and made her bed 2 times, how much money did she make?



19. Standardized Test Practice Jackson had 10 baseball cards. He bought 10 more. Then he divided the cards evenly between 5 people. How many baseball cards did each person receive?

A 3

B 6

C 5

D 4

Answers: 1. 16 2. 31 3. 8 4. 0 5. 9 6. 24 7. 2 8. 5 9. 30 10. 20 11. 2 12. 25 13. 12 14. 3 15. 7 16. 20 17. 5 18. \$8 19. D