

Name _____

**Practice
2-5**

Evaluating Expressions Using Integers

Evaluate each pair of expressions.

1. $3 \cdot 4 + 5$ _____ 2. $(10 - 3) \times 5$ _____ 3. $30 \div 2 \times 3$ _____
 $3 \cdot (4 + 5)$ _____ $10 - 3 \times 5$ _____ $30 \div (2 \times 3)$ _____

Evaluate each expression two different ways.

4. $8(3 + 7)$ _____

5. $-6(12 - 15)$ _____

6. $7(3 - 5)$ _____

7. $6(7 + 5)$ _____

8. $-5(8 + 1)$ _____

9. $2(-3 - 4)$ _____

Evaluate each expression.

10. $8 \cdot 9 + 10 \cdot 11$ _____
11. $-24 \div 6 \times 2 - (-4)$ _____
12. $7(11 - 5) + 2$ _____
13. $-18 + 3 \cdot (-9) + 15$ _____
14. $12 - \frac{7 + 8}{5 - 2}$ _____
15. $\frac{30}{2(-6 + 9)} - 1$ _____

Insert parentheses to make each sentence true.

16. $12 \div 3 - 6 + 5 = 1$ 17. $8 + 16 \div 2 + 2 = 14$
18. $63 - 9 - 15 - 4 = 65$ 19. $3 - 12 + 4 \times 6 = -93$
20. $12 - 3 \times 5 - 7 = -10$ 21. $5 \times 7 \times 2 - 8 = 30$

22. Stan bought donuts for the Drama Club meeting. He bought 6 regular donuts for 45 cents each and 9 premium donuts for 55 cents each.

- a. How much did he spend? _____
- b. What was the mean price per donut? _____