

Name: _____ Class: _____ Date: _____

8th Grade Pre-Algebra Mid-Chapter 1 Test Review Worksheet

Find the value of each expression.

1. $47 - 7 \cdot 5$

2. $72 \div 12 \cdot 3$

3. $18 + 12 \div 3 - 6$

4. $4 \cdot 3 + 8 \div 2 - 5$

5. $(36 \div 6) \div (6 - 4)$

6. $7[(29 + 11) - 3(16 - 9)]$

Translate each phrase into an algebraic expression.

7. Five more than x

8. The product of b and 5

9. Ten less than y

10. A number divided by 6

Evaluate each expression if $a = 12$, $b = 11$, $k = 8$,
and $s = 14$.

11. $29 + a - s$

12. $2a - 9$

13. $a - k$

14. $b + (a - k)$

Simplify each expression.

22. $2(3y)$

15. $3a + 2b - k$

23. $3 + (4 + x)$

16. $\frac{a}{3} + b$

Name the property shown by each statement.

17. $16 + 4 = 4 + 16$

18. $317 + 0 = 317$

19. $(7 + y) + 2 = 7 + (y + 2)$

20. $r \cdot 1 = r$

21. $8(6 \cdot 9) = (8 \cdot 6)9$