

Name: _____

Math 1 Quiz Review

Translate into symbols.

1. Five more than six times a number n . _____
2. Seventeen less than a number n . _____
3. The sum of the square of a number n and six. _____
4. A number n increased by twenty-one. _____
5. Twice the cube of a number n . _____

Evaluate: Circle Final Answer

- | | | |
|--|---------------------------------------|---|
| 6. $w + n(v - t)$ if $w = 20$ $n = 3$ $v = 25$ $t = 12$ | 7. $a^3 + 2b^2$ if $a = 2$ $b = 3$ | 8. $x^2 - (y + z)$ if $x = 8$ $y = 17$ $z = 21$ |
|--|---------------------------------------|---|

9. Find the perimeter of a rectangle if the length is 24 ft. and the width is 18 ft. Use $P = 2L + 2W$.

Simplify. Circle Final Answer

10. $-3\left(\frac{1}{3}x + 6\right)$ 11. $5(2a + 3b)$ 12. $6a + 9(a + 3)$

13. $4(3x + y) + 7(8y + 4x)$ 14. $7c^2 + 9c + c - 14c^2$ 15. $4a - (6 - 3a)$

16. $-4b - 2(3b + 6)$ 17. $\frac{2x+8}{2}$ 18. $\frac{24a-16}{-8}$