

Algebra 2 Homework

Types, Properties, & Operations with Numbers

Name the set or sets to which each number belongs.

1) -15

2) 11

3) $\sqrt{30}$

4) $\frac{17}{3}$

Simplify using order of operations.

5) $(-6 \times 2) \div -3$

6) $2 + 12 \div 2 + 1$

7) $-4 - (1 - 5) - (-4)^2$

8) $-3 \times 2 \times 2(-3 - 1)$

Label the property being demonstrated.

9) $x(x + 2z) = x(x) + x(2z)$

10) $xyz = zxy$

Copy and complete the Writing to Learns (W2Ls).

11) I understand _____, but still need to work on _____.

12) I think it is important to know the different types of numbers and properties because . . .