

Order of Operations – Day 3

Unit 1: Expressions

Simply each of the following expressions using the order of operations and showing all of your steps along the way:

1. $(-5 \div -5)^3$	2. $-3 \div (-1 + 1 - (-3))$
3. $(-18 \times 2) \div 6$	4. $1^2 - (-3 - (5 - 2))$
5. $(-2 \times 2 + 3 - 5) \div -6$	6. $(15 \times 2) \div 5 - 12 \div -6$
7. $(6 + 1) \times 5 - -3 \div (2 - -1)$	8. $2 + 2 - (3 - (-17 - -4 + 1) \div 4)$
9. $(-15 + 5 + 5 + 3 - 2) \div (3 - 5)$	10. $5 \div (6 - 1)(-5 - 4 + (-16 - 2) \div 3)$

<p>11. $a + b - c$ Using $a = 6$, $b = -3$, and $c = 2$</p>	<p>12. $q \div 6 + p + m$ Using $m = 1$, $p = 2$, and $q = 6$</p>
<p>13. $mp + p \div 3$ Using $m = 5$, and $p = 3$</p>	<p>14. $y \div 5 + (3 + x)^2$ Using $x = 3$, and $y = 5$</p>
<p>15. $a + b - c \times b \div 2$ Using $a = 1$, $b = -2$, and $c = 6$</p>	<p>16. $x - 1 + yx - (z + 2)$ Using $x = -1$, $y = -5$, and $z = 5$</p>
<p>17. $c^2 - (a - (-4 + a - c))$ Using $a = 5$, and $c = 5$</p>	<p>18. $b \div 6 - (a + c + c(a + c))$ Using $a = 1$, $b = 6$, and $c = 2$</p>
<p>19. $m + 5 + q^2 - 5p \div 5$ Using $m = -4$, $p = 5$, and $q = 1$</p>	<p>20. $-6 \div 6 + x + y + x + 4 + 4y$ Using $x = -2$, and $y = -5$</p>