Order of Operations

Unit 1: Expressions

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

1. $(-10 + 4) \div -6$	2. $-12 \div (-6 + 2 - (-2))$
3. $-2 - (-3 + 3^3)$	4. $(2 - 3)^3 \times 6 \times -2$
5. $5 \div ((-3 - -3) \times -5 - 1$	6. $2(-5 \times 3 + 3(-2 - 3))$
7. $-6 + (1 - -1) \div (-1 + 3 - 3)$	8. $5(-1 + 6) - 3(-4 - 6) + 2$
9. $(11 - 2 - (4 - 1)) \div (-3 - -4 - 4)$	10. $-6\big(2 - (-5 + -5 - -1)\big) + 6 + -4 - -4$

11. $(x - z)^2$ Using x = -2, and z = 5	12. $5 + x - (x - z)$ Using x = 2, and z = 2
13. $a - 5 - c^2$ Using a = -2, and c = -4	14. $3(q + q - 5 - p)$ Using p = -5, and q = 5
15. $m + (q + p)(m - 4)$ Using m = 4, p = -2, and q = 4	16. $-30 - (q + p) - rp$ Using p = -5, q = 1, and r = -4
17. $k - ((j + k) \div 6 + 5 \div 5$ Using j = -5, and k = -1	18. $r^2 - 3(p - (qp - q))$ Using p = -2, q = -4, and r = -1
19. $p - 5 + np - (p - n)^2$ Using n = 2, and p = 4	20. $m(q + q + p \times m \div 2 - 3 - p)$ Using m = -2, p = -1, and q = -4