

Unit 1.2 Order of Operations and Properties of Numbers

1. Simplify the following expressions using Order of Operations

a) $15 \div (-3) \times 3 - 10 =$ _____

b) $-10 + 15 \div (-5) \times 3^2 - 10^2 =$ _____

c) $2 - 5[(-20) \div (-4) \times 2 - 40] =$ _____

2. Identify the Property

a) $5 + (-5) = 0$ _____

b) $8(a + 3) = 8 \cdot a + 8 \cdot 3$ _____

c) $(4 + m) + 2 = 4 + (2 + m)$ _____

d) $9 \times \frac{1}{9} = 0$ _____