

INTEGER REVIEW

Name: Ms. B

Date: Jan. 30

EXAMPLES

-2

5

3 2 6 5 9 2 1

0

~~$\frac{3}{4}$~~

-3

7

1

-52

~~-27~~

ADDING AND SUBTRACTING

$$9 + 4 = 13$$

$$(-7) + (-11) = -18$$

$$10 + -4 = 6$$

$$18 + -22 = -4$$

$$12 + -4$$

$$12 - 4 = 8$$

$$-12 + -4$$
$$-12 - 4 = -16$$

$$-12 + 4$$
$$-12 - (-4) = -8$$

$$20 + 9$$
$$20 - (-9) = 29$$

MULTIPLYING AND DIVIDING

$$6 \times 3 = 18$$

$$-4 \times -10 = 40$$

$$44 \div 11 = 4$$

$$-9 \div -3 = 3$$

$$-9 \times 5 = -45$$

$$49 \div -7 = -7$$

$$-24 \div 6 = -4$$

$$39 \div -13 = -3$$

If the signs are
the same
→ answer is +

If the signs are
different → answer is -

ORDER OF OPERATIONS

$$\begin{aligned} & 5 \times (4 - 10) + 6^2 \\ &= 5 \times (-6) + 6^2 \\ &= 5 \times (-6) + 36 \\ &= -30 + 36 \\ &= \boxed{6} \end{aligned}$$

$$\begin{aligned} & 12 \div (5 - 8) - 2^2 \times 2 \\ &= 12 \div (-3) - 2^2 \times 2 \\ &= 12 \div (-3) - 4 \times 2 \\ &= -4 - 4 \times 2 \\ &= -4 - 8 \\ &= \boxed{-12} \end{aligned}$$

B E DM AS

$$\begin{aligned} & 6^2 \times (-3 + 5) \div (-7 + 4)^2 \\ &= 6^2 \times (2) \div (-3)^2 \\ &= 36 \times 2 \div 9 \\ &= 72 \div 9 \\ &= \boxed{8} \end{aligned}$$

$$\begin{aligned} & 3 - (9 + -2)^2 \div -7 \\ &= 3 - (7)^2 \div -7 \\ &= 3 - 49 \div -7 \\ &= 3 + 7 \\ &= \boxed{10} \end{aligned}$$