

Multiplication and Division

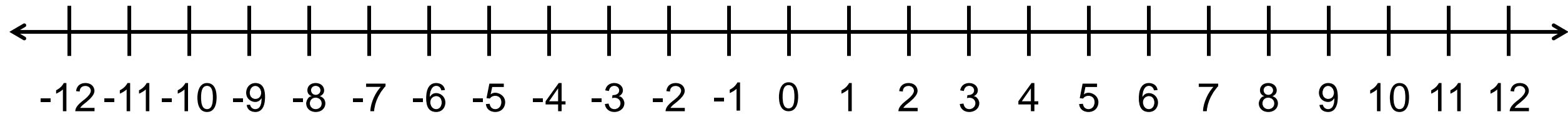
Multiply. Perform each calculation on the number line below.

$3 \cdot 4$

$-3 \cdot 4$

$3(-4)$

$-3(-4)$



Multiplying by zero.

$$7 \cdot 0$$

$$x \cdot 0$$

$$0 \cdot 0$$

$$\frac{5}{2} \cdot 0$$

$$\frac{3}{8} \cdot 0 \cdot \frac{5}{7}$$

Multiply.

$$\frac{7}{9} \cdot \frac{9}{7}$$

$$3 \cdot \frac{1}{3}$$

$$\frac{1}{1} \cdot \frac{1}{3}$$

$$-\frac{5}{2} \left(\frac{4}{3} \right) \left(-\frac{3}{4} \right)$$

$$-\frac{5}{2} (\quad)$$

$$-3 \left(-\frac{5}{6} \right) \left(-\frac{2}{3} \right)$$

$$-\frac{1}{1} \left(-\frac{5}{6} \right) \left(-\frac{2}{3} \right)$$

Divide.

$$6 \div \frac{5}{7}$$

$$\frac{6}{1} \cdot$$

$$55 \div 11$$

$$11 \overline{)55}$$

$$\frac{55}{11} =$$

$$11 \cdot = 55$$

$$\frac{-42}{-7} =$$

$$-7 \cdot = -42$$

Divide.

$$\frac{-54}{-9} =$$

$$-9 \cdot \quad = -54$$

$$\frac{-48}{6} =$$

$$6 \cdot (\quad) = -48$$

$$\frac{-132}{11} =$$

$$11 \cdot (\quad) = -132$$

Guided homework.

1. What is zero divided by five?

$$\frac{0}{5} =$$

$$5 \cdot = 0$$

Answer:

2. What is six divided by zero?

$$\frac{6}{0} = ?$$

$$0 \cdot ? = 6$$

Answer:

3. What is zero divided by zero?

$$\frac{0}{0} = ?$$

$$0 \cdot ? = 0$$

Answer: