

# Negative Numbers – Quick Revision

Bronze

Silver

Gold

## Adding and Subtracting

Examples:

$$\begin{aligned} 8 - 10 &= -2 \\ -8 - 10 &= -18 \\ -8 + 10 &= +2 \end{aligned}$$

$$4 - 7 =$$

$$-4 - 7 =$$

$$-7 + 10 =$$

$$-11 - 20 =$$

$$8 - 3 - 4 =$$

$$-6 + 5 - 2 =$$

$$-9 - 7 - 4 =$$

$$-20 + 8 - 13 =$$

Find the missing number.

$$10 - \underline{\quad} = -7$$

$$\underline{\quad} + 9 = 2$$

$$-11 - 7 + \underline{\quad} = -5$$

## Multiplying

Examples:

$$\begin{aligned} -3 \times -10 &= 30 \\ +3 \times +10 &= 30 \\ -3 \times +10 &= -30 \\ +3 \times -10 &= -30 \end{aligned}$$

$$-5 \times -7 =$$

$$-6 \times +4 =$$

$$7 \times -8 =$$

$$-11 \times -2 =$$

Find the missing number.

$$-3 \times \underline{\quad} = 15$$

$$\underline{\quad} \times +7 = -14$$

$$-9 \times \underline{\quad} = -45$$

$$\underline{\quad} \times -4 = 36$$

Write the next 2 terms for the following sequences:

$$2, -6, 18, \underline{\quad}, \underline{\quad}$$

$$-4, 8, -16, \underline{\quad}, \underline{\quad}$$

$$-6, -12, -24, \underline{\quad}, \underline{\quad}$$

## Dividing

Examples:

$$\begin{aligned} -12 \div -4 &= 3 \\ +12 \div +4 &= 3 \\ -12 \div +4 &= -3 \\ +12 \div -4 &= -3 \end{aligned}$$

$$-15 \div -3 =$$

$$-24 \div +3 =$$

$$-42 \div -6 =$$

$$54 \div -9 =$$

Find the missing number.

$$-18 \div \underline{\quad} = -3$$

$$24 \div \underline{\quad} = -12$$

$$\underline{\quad} \div -6 = 5$$

$$\underline{\quad} \div -12 = 6$$

Write the next term for the following sequences:

$$72, -36, 18, \underline{\quad}$$

$$-54, -18, -6, \underline{\quad}$$

$$-36, 18, -9, \underline{\quad}$$