

# Adding Integers

$$\textcircled{+} + \textcircled{+} = \textcircled{+}$$

$$\textcircled{-} + \textcircled{-} = \textcircled{-}$$

$$\textcircled{+} + \textcircled{-} = \textcircled{+}$$

$$\textcircled{+} + \textcircled{-} = \textcircled{-}$$

## SUBTRACTION EQUALS ADDING THE OPPOSITE

$$\textcircled{+} - \textcircled{+} \text{ changes to } \textcircled{+} + \textcircled{-}$$

$$\textcircled{+} - \textcircled{-} \text{ changes to } \textcircled{+} + \textcircled{+}$$

$$\textcircled{-} - \textcircled{+} \text{ changes to } \textcircled{-} + \textcircled{-}$$

$$\textcircled{-} - \textcircled{-} \text{ changes to } \textcircled{-} + \textcircled{+}$$

# Multiplying Integers Rules

$$\textcircled{+} \times \textcircled{+} = \textcircled{+}$$

$$\textcircled{-} \times \textcircled{-} = \textcircled{+}$$

$$\textcircled{+} \times \textcircled{-} = \textcircled{-}$$

$$\textcircled{-} \times \textcircled{+} = \textcircled{-}$$

## Dividing Integers Rules

$$\textcircled{+} \div \textcircled{+} = \textcircled{+}$$

$$\textcircled{-} \div \textcircled{-} = \textcircled{+}$$

$$\textcircled{+} \div \textcircled{-} = \textcircled{-}$$

$$\textcircled{-} \div \textcircled{+} = \textcircled{-}$$

Same Sign = Positive. Different Sign = Negative.