

# Subtracting Real Numbers

## Overview of problems



Example Set: A

Find the difference

$$2 - 5$$

$$-1 - 3$$

$$6 - 4$$

$$9 - |-6|$$

$$-10 - (-2)$$

$$|-2/3| - 1/4$$



Example Set: B

Evaluate the expression

$$5 - 8 + -3 - 4$$

$$-11 + (-2) + 6$$

$$-4.8 + 1.2 - 3.9$$

$$16.4 - 1.9 - 2.5 - (-7.4)$$

Evaluate the variable expression

$$15 - x - 2$$

when  $x = 20$

$$-8 - (-x) + 1$$

$$\text{when } x = 3$$

$$-x + (10 - 13) - (-5)$$

$$\text{when } x = -4$$

# Subtracting Real Numbers

## Overview of problems- KEY



Example Set: A

Find the difference

$$2 - 5 = -3$$

$$-1 - 3 = -4$$

$$6 - 4 = 2$$

$$9 - |-6| = 3$$

$$-10 - (-2) = -8$$

$$|-2/3| - 1/4 = 5/12$$



## Example Set: B

Evaluate the expression

$$5 - 8 + -3 - 4 = -10$$

$$-11 + (-2) + 6 = 7$$

$$-4.8 + 1.2 - 3.9 = -7.5$$

$$16.4 - 1.9 - 2.5 - (-7.4) = 19.4$$

Evaluate the variable expression

$$15 - x - 2$$

$$\text{when } x = 20$$

$$= -7$$

$$-8 - (-x) + 1$$

$$\text{when } x = 3$$

$$= -4$$

$$-x + (10 - 13) - (-5)$$

$$\text{when } x = -4$$

$$= 6$$