

$$-3 \frac{3 \times 4}{7 \times 4} + (-14 \frac{3 \times 7}{4 \times 7})$$

Common
denom

$$-3 \frac{12}{28} + (-14 \frac{21}{28})$$

$$-17 \frac{33}{28} = \left(-18 \frac{5}{28} \right) \text{ or } -18 \frac{33}{28} \frac{5}{28}$$

2.3 Subtracting Real #'s

Add the opposite

$$12 - 7 = 5$$

$$12 + (-7) = 5$$

$$12 - 7$$

$$(-3) - (8)$$

$$(4) - (-12)$$

$$(-3) + (-8)$$

$$4 + (12) = 16$$

$$\textcircled{-11}$$

$$(-17) - (-10)$$

$$(-17) + 10 = \textcircled{-7}$$

$$17 - 10 = 7$$

$$\begin{array}{l} -3 + 2 = \textcircled{-1} \\ 3 - 2 = 1 \end{array}$$

$$\begin{array}{l} -4 - 8 \\ -4 + (-8) = \textcircled{-12} \end{array}$$

$$\begin{array}{l} 7 - (-2) \\ 7 + 2 = \textcircled{9} \end{array}$$

$$\begin{array}{l} -10 + (-3) \\ \textcircled{-13} \end{array}$$

+ same sign

add, keep sign

+ diff signs

subtract absolute values, keep sign of larger value

- integers

Add the opposite

$$-2 + 7 - (-4)$$

$$-2 + 7 + 4$$

$$-2 + 11 = \textcircled{9}$$

$$11 - 2 = 9$$

$$-3 - (-4) + 7 - 8 + (-2)$$

$$\underline{-3} + \underline{(+4)} + \underline{7} + \underline{(-8)} + \underline{(-2)}$$

$$-3 + (-8) + (-2) + 4 + 7$$

$$\ominus 13 + 11 = \textcircled{-2}$$

$$\underline{13} - 11 = 2$$

$$2 - 3 - 4 + (-8) - (-2) + 7 - (-4)$$

$$2 + (-3) + (-4) + (-8) + (-2) + 7 + (-4)$$

$$15 + (-15)$$

$$\textcircled{0}$$

2.3

3-13 odd, 16, 22, 23, 32, 33,

41, 42, 44, 53-56