

Students are gone on the moose hunt so need more review

Use the rule for Subtraction to answer the following:

↳ add opposite

(show work)

$$\begin{aligned} \text{(a)} \quad (+18) - (-5) &= \\ &= (+18) + (+5) \\ &= (+23) \end{aligned}$$

$$\begin{aligned} \text{(b)} \quad (-27) - (-4) &= \\ &= (-27) + (+4) \\ &= (-23) \end{aligned}$$

$$\begin{aligned} \text{(c)} \quad (-11) - (-7) &= \\ &= (-11) + (+7) \\ &= (-4) \end{aligned}$$

$$\begin{aligned} \text{(d)} \quad (+17) - (-3) &= \\ &= (+17) + (+3) \\ &= (+20) \end{aligned}$$

Use the rule for addition to answer the following:

$$\begin{aligned} \text{(a)} \quad (+45) + (-8) &= (+37) \\ &\text{diff} \end{aligned}$$

$$\begin{aligned} \text{(b)} \quad (+7) + (+15) &= (+22) \\ &\text{same} \end{aligned}$$

$$\begin{aligned} \text{(c)} \quad (-14) + (-6) &= (-20) \\ &\text{same} \end{aligned}$$

$$\begin{aligned} \text{(d)} \quad (-21) + (+5) &= (-16) \end{aligned}$$

Use the rule answer the following:

$$\begin{aligned} \text{a)} \quad (+9) - (-3) - (+4) &= \\ &= (+9) + (+3) - (+4) \\ &= (+12) + (-4) \\ &= (+8) \end{aligned}$$

$$\begin{aligned} \text{b)} \quad (-17) - (+2) + (+10) &= \\ &= (-17) + (-2) + (+10) \\ &= (-19) + (+10) \\ &= (-9) \end{aligned}$$

Same  $\Rightarrow \oplus$   
diff  $\Rightarrow \ominus$

Use the rule for multiplication or division to answer the following:

(a)  $(+36) \div (-12) = (-3)$

(c)  $(-11) \times (-5) = (+55)$

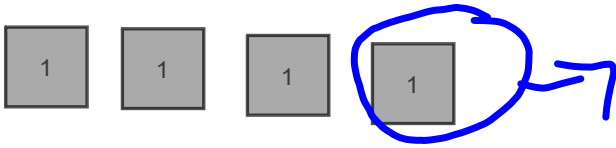
(b)  $(+8) \times (+4) = (+32)$

(d)  $(-30) \div (-3) = (+10)$



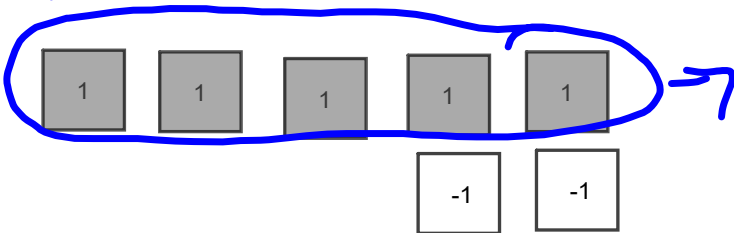
### Homework Solutions

d)  $(+4) - (+1)$

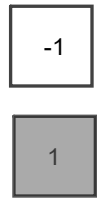


$+3$

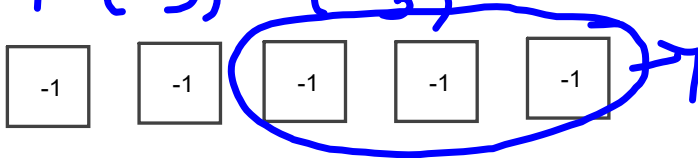
e)  $(+3) - (+5)$



$= -2$

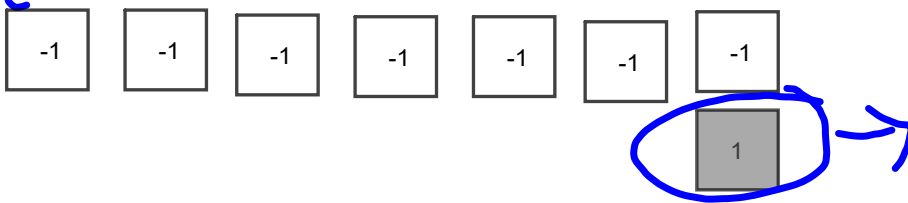


f)  $(-5) - (-3)$



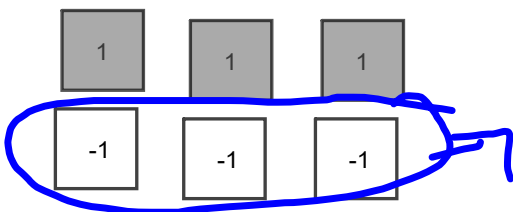
$= -2$

g)  $(-6) - (+1)$



$= -7$

h)  $0 - (-3)$



$= +3$

## Homework Solutions

$$\begin{aligned} 3a) & (+5) - (+4) \\ & = +1 \end{aligned}$$

$$\begin{aligned} b) & (+6) - (-8) \\ & (+6) + (+8) \\ & +14 \end{aligned}$$

$$\begin{aligned} c) & (-7) - (-1) \\ & (-7) + (+1) \\ & -6 \end{aligned}$$

$$\begin{aligned} d) & (+4) - (-7) \\ & (+4) + (+7) \\ & +11 \end{aligned}$$

$$\begin{aligned} e) & (-3) - (+8) \\ & (-3) + (-8) \\ & -11 \end{aligned}$$

$$\begin{aligned} f) & (+5) - (-7) \\ & (+5) + (+7) \\ & +12 \end{aligned}$$

$$\begin{aligned} g) & 0 - (+2) \\ & 0 + (-2) \\ & = -2 \end{aligned}$$

$$\begin{aligned} h) & (-20) - (-11) \\ & -20 + (+11) \\ & -9 \end{aligned}$$

$$\begin{aligned} i) & (+6) - (-6) \\ & (+6) + (+6) \\ & +12 \end{aligned}$$

$$\begin{aligned} j) & (-8) - (+8) \\ & -8 + (-8) \\ & -16 \end{aligned}$$

$$4. \begin{array}{l} (+2) - (-2) \\ (+2) + (+2) \\ +23 \end{array}$$

### Homework Solutions

The temperature increased  $23^{\circ}$

$$5a) \begin{array}{l} (-2) - (+3) \\ (-2) + (-3) \\ -5 \end{array}$$

$$\begin{array}{l} (+3) - (-2) \\ (+3) + (+2) \\ +5 \end{array}$$

$$b) \begin{array}{l} (-5) - (-3) \\ (-5) + (+3) \\ -2 \end{array}$$

$$\begin{array}{l} (-3) - (-5) \\ (-3) + (+5) \\ +2 \end{array}$$

Order is important when subtracting.

## Homework Solutions

$$\begin{aligned} \text{b a) } & (-5) - (-1) - (+3) \\ & (-5) + (+1) + (-3) \\ & = -7 \end{aligned}$$

$$\begin{aligned} \text{b) } & (-4) - (-6) - (-1) \\ & -4 + (+6) + (+1) \\ & +3 \end{aligned}$$

$$\begin{aligned} \text{c) } & (-5) - (+8) - (+6) \\ & (-5) + (-8) + (-6) \\ & -19 \end{aligned}$$

$$\begin{aligned} \text{d) } & (+10) - (+3) - (-7) \\ & +7 + (+7) \\ & +14 \end{aligned}$$

$$\begin{aligned} \text{e) } & (-2) - (-8) - (+4) \\ & (-2) + (+8) + (-4) \\ & +2 \end{aligned}$$

$$\begin{aligned} \text{f) } & (-3) - (-3) - (-7) \\ & 0 + (+7) \\ & +7 \end{aligned}$$

$$\begin{aligned} \text{g) } & (+4) - (-1) - (-5) \\ & (+4) + (+1) + (+5) \\ & +10 \end{aligned}$$

$$\begin{aligned} \text{h) } & (-3) - (-4) - (+5) \\ & (-3) + (+4) + (-5) \\ & -4 \end{aligned}$$

# Class/Homework

## Quiz On Rules

Adding, Subtracting, Multiplying, Dividing

Tuesday

Worksheet



.

Warm Up Quiz tomorrow on rules of add, subtract, multiply and divide



## Homework Solutions

sheet 235

3 a)  $(+5) + \underline{+3} = +8$

b)  $\underline{-1} + (-3) = -4$

c)  $(+3) + \underline{-2} = +1$

d)  $(-5) + \underline{+2} = -3$

e)  $(+2) + \underline{-1} = +1$

f)  $\underline{+6} + (-6) = 0$

4) a)  $(+2) + (+3) = +5$

c)  $(-4) + (-5) = -9$

e)  $(-10) + (-6) = -16$

b)  $(-3) + (+4) = +1$

d)  $(+8) + (-1) = +7$

f)  $(+4) + (-13) = -9$

5) a)  $(-4) + (+7) = +3$

b)  $(0) + (-6) = -6$

## Attachments

---

Grade 8 Math SHEET 235.docx

Grade 8 Math SHEET 283 Subtraction review.docx

Worksheet on Integer Revie rules of add sub mult divide sepat PDF.pdf