

## Warm Up Grade 7

Same Sign  
 ↳ you add # part  
 Keep same  
 Sign

Use the rules to add the following:

$$1) (+14) + (+4) = (+18) \quad 4) (-8) + (-7) = (-15)$$

$$2) (-9) + (-7) = (-16)$$

shaded unshaded

$$5) (+16) + (-6) = +10$$

Different  
 ↳ Subtract  
 # part  
 Keep  
 sign of  
 larger # part

$$3) (-10) + (-4) = (-14)$$

$$6) (-7) + (+4) = (-3)$$

Pg. 64 #8,#9, #11

Homework solutions

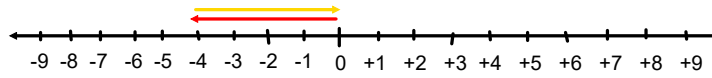
8a,(i)  $(-4) + (+7) = +3$

b) (i) Went down 4 steps turned and went up 7. How far am I from my starting point?

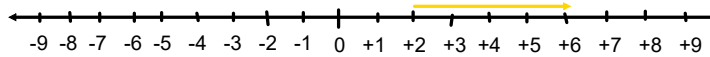
8a,(ii)  $(+8) + (-3) = +5$

b) (ii) I had \$8 and I spent \$3 at the store. How much do I have left?

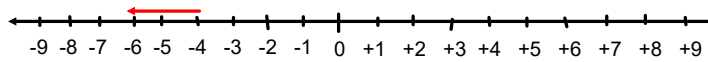
9)a) Always True  $(-4) + (+4) = 0$



9)b) Always False  $(+2) + (+4) = +6$

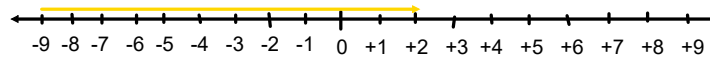
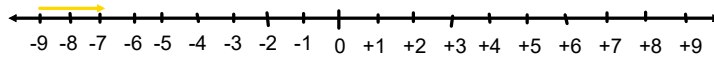


9)c) Always True  $(-4) + (-2) = -6$

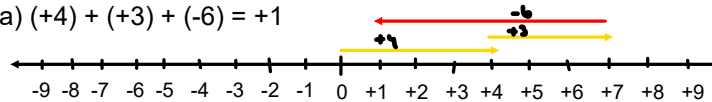


9)d) Sometimes True  $(-9) + (+2) = -7$

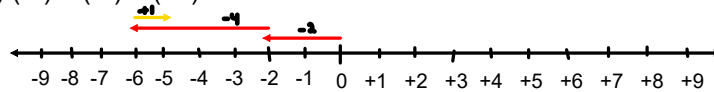
$(-9) + (+11) = +2$



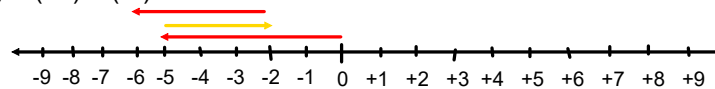
10a)  $(+4) + (+3) + (-6) = +1$



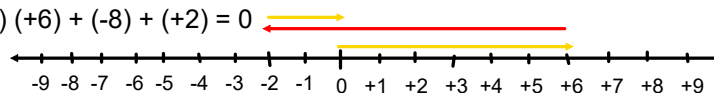
10b)  $(-2) + (-4) + (+1) = -5$



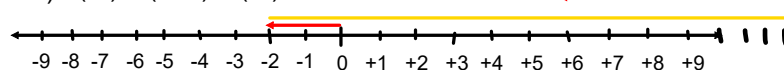
10c)  $(-5) + (+3) + (-4) = -6$



10d)  $(+6) + (-8) + (+2) = 0$



11)  $(-2) + (+15) + (-7) = +6$



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homework solutions

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

$$b) (-3) + (-2) = -5$$

$$c) (-5) + (+1) = -4$$

$$d) (+6) + (+3) = +9$$

$$e) (-4) + (-8) = -12$$

$$f) (+4) + (+8) = +12$$

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

$$b) (-5) + (-1) = -6$$

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

$$d) (+6) + (-5) = +1$$

$$e) (-8) + (+8) = 0$$

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

# *Class / Homework*

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Mid unit

# 1(a,c,e),  
#2,  
#3(a,b,c),  
#6(a,~~b~~),  
#7(a,b,c,d),

Check #8a

Answers on Page 352

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If you are done early

# 1(b,d,f),  
#2,  
#4,  
#5,  
#7(a,b,c,d),

V1

- |         |          |
|---------|----------|
| a) -13  | b) +6    |
| c) -2   | d) -25   |
| e) +7   | f) 0     |
| g) +12  | h) (+4)  |
| i) (-5) | j) (-11) |

V2

- |        |        |
|--------|--------|
| a) -4  | b) -4  |
| c) -12 | d) +25 |
| e) -19 | f) +4  |
| g) +4  | h) +9  |
| i) +3  | j) +9  |

$$\begin{aligned} & (+12000) + (-1200) \\ & = +10800 \end{aligned}$$

$$\begin{array}{r} \cancel{12}000 \\ - 1200 \\ \hline 10800 \end{array}$$

