

Sept 12

Warm-up

1) Fill in the blanks with <, >, or =

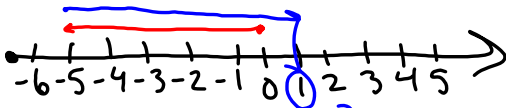
(a)  $-8 > -12$       (b)  $-6 < +6$       (c)  $(4) = (+4)$

2) Model -7 with tiles



3) Add using a number line:

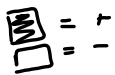
(a)  $(-5) + (+6) = +1$



4) Add without modelling: RULES

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

let's go over the mid-unit review  
ask questions !!!!!



Red = -  
Yellow = +

1. (a) -5
- (b) 0
- (c) +8
- (d) -1
- (e) +3
- (f) -7

2.   
 11 positive tiles needed! +3

yellow = +  
red = -



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



$(+5) + (-7) = -2$



$(+4) + (-4) = 0$

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



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



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



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



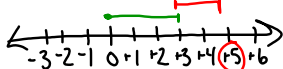
(e)  $(-4) + (-8) = -12$



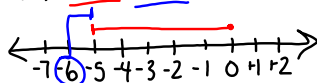
(f)  $(+4) + (+8) = +12$



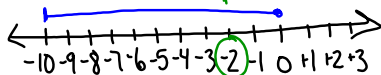
5. (a)  $(+3) + (+2) = +5$



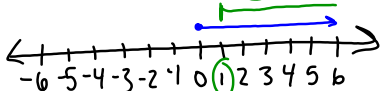
(b)  $(-5) + (-1) = -6$



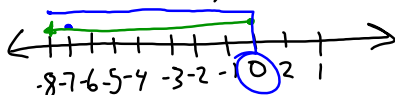
(c)  $(-10) + (+8) = -2$



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



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



(f)

6.  $(+4) + (-5) = -1$   
 $5 - 4 = 1$

(b)  $(-3) + (+2) = -1$

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

$(+9) + (-10) = -1$

$$7. (a) (+50) + (-20) = +30$$

$$50 - 20 = 30$$

$$(b) (+5) + (-10) = -5$$

$$10 - 5 = 5$$

$$(c) (+124\,000) + (-4000) = +120\,000$$

$$124\,000 - 4000 = 120\,000$$

$$(d) (+12\,000) + (-1200) = +10\,800$$

$$12\,000 - 1200 = 10\,800$$

$$8. (a) \text{ i. } (-2) + (+6) = +4$$

$$\text{ ii. } (+4) + (-6) = -2$$