



Warm Up Grade 7

ADD or Subtract

$$1. (+9) + (+3) = (+12)$$

$$5. (+3) + (+13) = (+16)$$

$$2. (+7) + (-3) = (+4)$$

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

$$3. (-16) - (+13) = (-29)$$

$(-16) \downarrow + (-13)$

$$7. (-11) - (-4) = (-7)$$

$(-11) \downarrow + (+4)$

$$4. (+6) - (+8) = (-2)$$

$(+6) \downarrow + (-8)$

$$8. (-5) - (-15) = (+10)$$

$(-5) \downarrow + (+15)$

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Homework
Solutions

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1. 17 red tiles red - negative
 yellow - positive

→
a) -12 you need 5 yellow

b) 0 you need 17 yellow

c) +20 you need 37 yellow

d) -17 you don't need any

2. a) rises 8°C

+8

1	1	1	1	1	1	1	1
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b) falls 5¢

-5

-1	-1	-1	-1	-1
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c) deposit \$12

+12

1	1	1	1	1	1	1	1
				1	1	1	1

d) 7 backwards

-7

-1	-1	-1	-1	-1	-1	-1	-1
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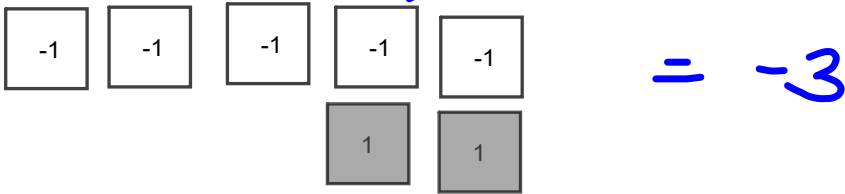
e) 9 s before take-off

-9

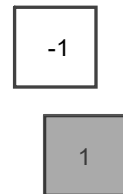
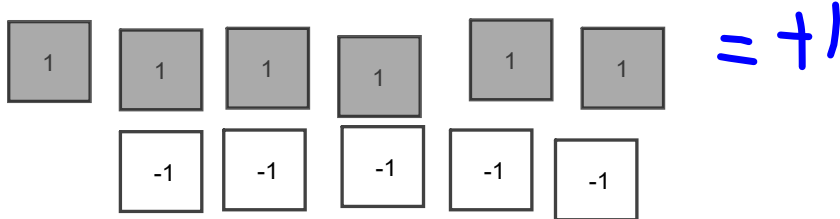
-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
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3a) 5 red, 2 yell
 $-5 + (+2)$

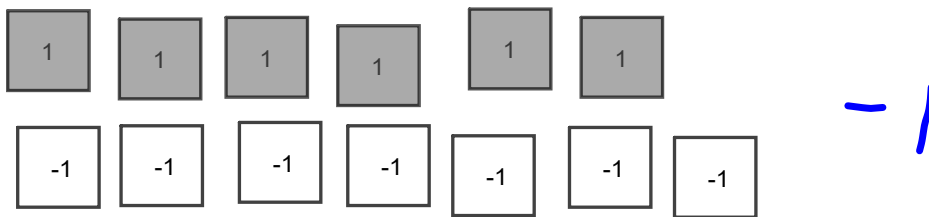
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b) 6 yellow, 5 red
 $+6 + (-5)$



c) 6 yell, 7 red



d) 8 yell, 8 red 0

$$4a) (-6) + (+4) = -2$$

$$b) (-25) + (+13) = -12$$

$$c) (+15) + (-23) = -8$$

$$d) (-250) + (+80) = -170$$

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#1 to #8

$$5a) \text{ sum } -5$$

$$-1 + -4$$

$$-7 + +2$$

$$-2 + -3$$

$$-10 + (+5)$$

$$-3 + -2$$

$$b) \text{ sum } +4$$

$$1 + 3$$

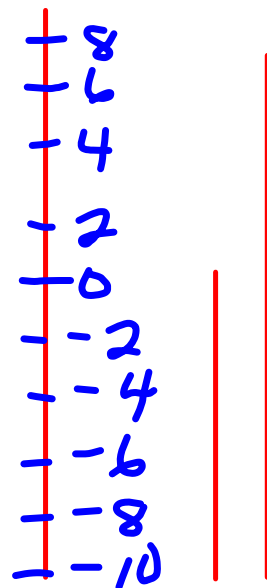
$$+5 + (-1)$$

$$2 + 2$$

$$(+7) + (-3)$$

$$3 + 1$$

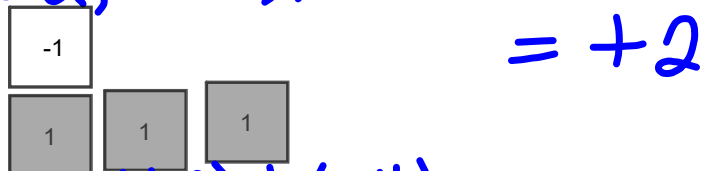
$$6. -10 + (+17) = +7$$



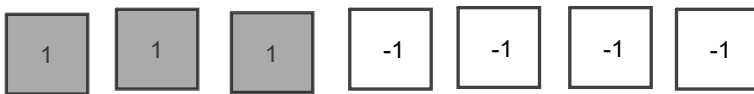
7. a) $-4 + (+5) = +1$

b) $+2 + -4 = -2$

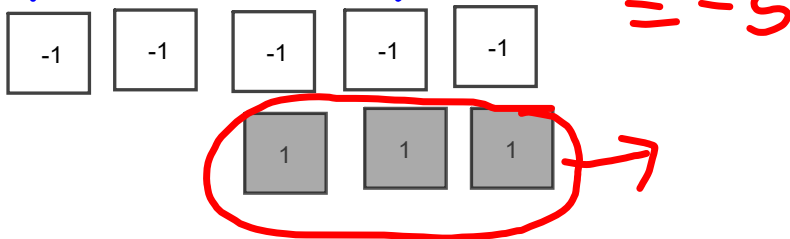
8 a) $(-1) + (+3)$



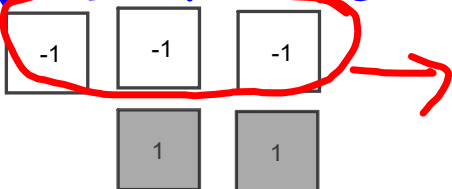
b) $(+3) + (-4) = -1$



c) $(-2) - (+3)$



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



Class/Homework

Page 80 Finish 7, 8
Then

#9(a) use number line

#10

#12,(Use rules)

#13(Use Rules),

#14

#15

#16

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#1 (Use Tiles)

#2(Use Rules)

#5

Test (tomorrow??)