



Adding Integers Homework

Name \_\_\_\_\_

Show your work by modeling positive and negative tiles or with a number line.

Find each sum.

1)  $(-1) + 2$     **1**

2)  $(-1) + (-6)$     **-7**

3)  $(-8) + 8$     **0**

4)  $5 + (-1)$     **4**

5)  $5 + (-6)$     **-1**

6)  $(-7) + (-3)$     **-10**

7)  $(-2) + (-5)$     **-7**

8)  $(-3) + (-7)$     **-10**

9)  $8 + (-3)$     **5**

10)  $1 + (-8)$     **-7**

11)  $(-4) + 5$     **1**

12)  $7 + (-5)$     **2**

13)  $(-5) + 6$     **1**

14)  $(-4) + 4$     **0**

15)  $(-3) + 6$     **3**

16)  $(-7) + 6$     **-1**

17)  $(-4) + 1$     **-3**

18)  $7 + (-1)$     **6**

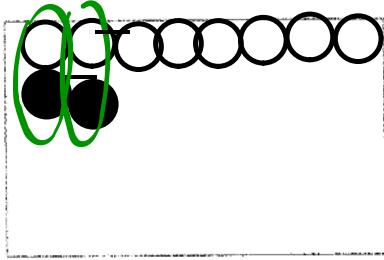
19)  $6 + (-3)$     **3**

20)  $(-6) + 6$     **0**

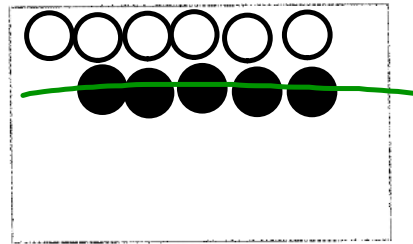
### Integer Subtraction

Copy each problem and model subtraction drawing positive and negative circles.

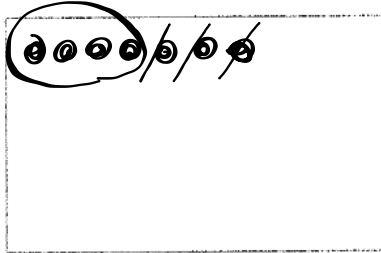
$$\begin{array}{c} \bullet \quad \circ \\ \hline - \quad + \\ 8 - 2 = \underline{\quad} \end{array}$$



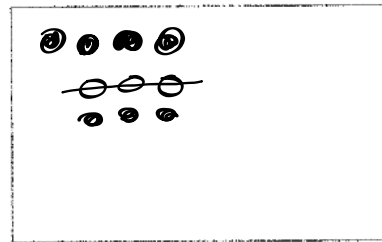
$1 - 5 = \underline{6}$



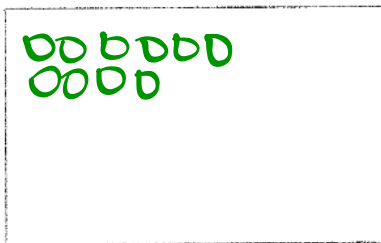
$-7 + 3 = \underline{\quad}$



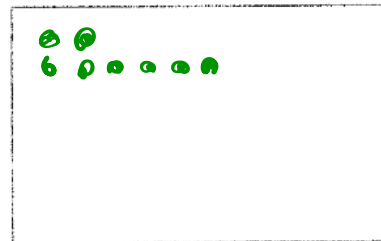
$-4 - 3 = \underline{\quad}$   $-4 + -3$



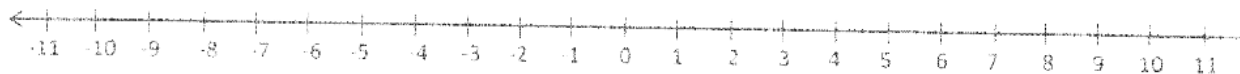
$6 + 4 = \underline{10}$



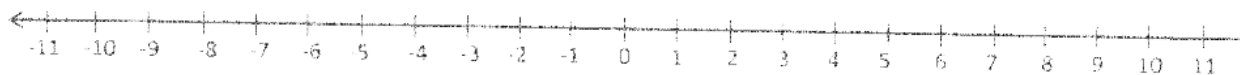
$-2 - 6 = \underline{-2 + -6}$   $(-8)$



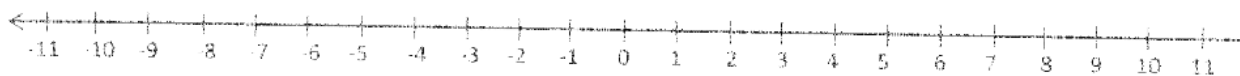
11.  $-8 - 3 =$



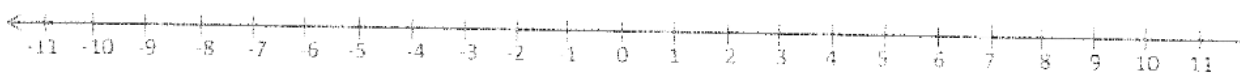
12.  $-4 - 3 =$



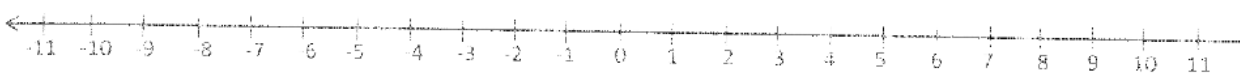
13.  $3 - 8 =$



14.  $10 - 14 =$



15.  $2 - (-8) =$



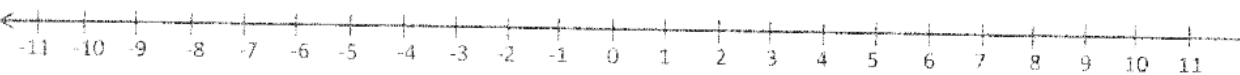
16.  $-5 - (-13) =$



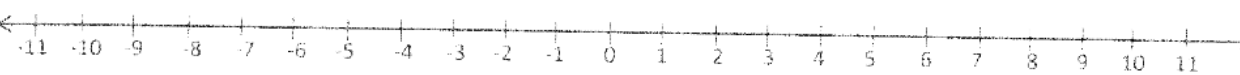
17.  $-11 - (-18) =$



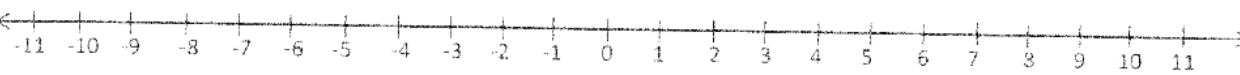
18.  $9 - 12 =$



19.  $-6 - 5 =$



20.  $-10 - (-3) =$



Foldable with Adding Integer Rules  
*Outside of foldable*

Adding Integers with Same sign  $-5 - 2$	Adding Integers with Different signs  $-8 + 10$	Danger Danger $- (-)$ $4 - (-2)$
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First  
Flap

1. Circle each number with its sign
2. Add
3. Keep Sign

Examples:

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

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

$$(-7) - (8) = -15$$

Second  
Flap

1. Circle the numbers with its sign
2. Subtract
3. Keep the sign of the larger number

Examples:

$$\textcircled{8} - \textcircled{5} = 3$$

$$\textcircled{-13} + \textcircled{10} = -3$$

$$\textcircled{-5} + \textcircled{6} = 1$$

00000000  
00000000

Third  
step

If there are two negatives together, they cancel and become positive; the opposite of negative is positive.

Examples:

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

$$5 - (-10) = 15$$



Subtracting Integers Homework

Name \_\_\_\_\_

Show your work by either drawing positive and negative circles or a number line.

Find each difference.

1)  $7 - 8$

2)  $6 - 2$

3)  $6 - (-1)$

4)  $5 - 3$

5)  $7 - (-5)$

6)  $(-6) - 6$

7)  $(-8) - 5$

8)  $(-6) - (-5)$

9)  $(-8) - (-1)$

10)  $(-6) - (-7)$

11)  $3 - (-3)$

12)  $4 - (-5)$

13)  $(-8) - (-4)$

14)  $3 - 6$

15)  $4 - 6$

16)  $(-6) - 5$

17)  $(-2) - (-8)$

18)  $(-7) - (-2)$

19)  $(-4) - (-6)$

20)  $(-3) - 8$

# Why Did Farmer John Ask the Supermarket Manager Where the Overalls Were?



Write the letter of each exercise in the box containing the answer.

Find the sum.

- E.  $-7 + (-2)$
- A.  $-6 + (-8)$
- I.  $-17 + (-10)$
- S.  $12 + 13$
- T.  $-75 + (-5)$
- O.  $-4 + 9$
- T.  $-9 + 4$
- S.  $38 + (-3)$
- E.  $11 + (-18)$
- C.  $-24 + (-24)$

Find the sum.

- O.  $-64 + 60$
- E.  $12 + (-36)$
- A.  $-15 + 18$
- V.  $101 + (-2)$
- R.  $-30 + (-40)$
- H.  $-18 + 8$
- M.  $-45 + (-45)$
- T.  $52 + (-58)$
- H.  $180 + 180$
- L.  $999 + (-999)$

-5	-10	-24	-19	25	-6	5	-70	-9	92	-48	0	3	-27	-90	35	-8	-80	-4	41	360	-14	99	-7
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Find the sum.

- E.  $-10 + (-1)$
- S.  $-24 + 6$
- T.  $60 + (-15)$
- I.  $-7 + (-21)$
- L.  $9 + (-39)$
- E.  $-32 + 64$
- O.  $88 + (-55)$
- T.  $-100 + 25$

Evaluate if  $a = 7$ ,  $b = -20$ ,  $x = -34$ ,  $y = -9$ .

- R.  $a + b$
- S.  $b + b$
- P.  $-12 + a$
- E.  $b + 81$
- A.  $x + y$
- C.  $x + x$
- B.  $100 + y$
- R.  $x + 50$

Solve.

- H. The price of a stock went down \$4.25 on Monday and then down \$2.75 on Tuesday. What was the overall change in price for the two days?
- E. Between midnight and 6:00 A.M., the temperature dropped  $10^{\circ}\text{F}$ . Between 6:00 A.M. and noon, the temperature rose  $18^{\circ}\text{F}$ . What was the change in temperature from midnight to noon?

Scores for three rounds of a computer game are given in the table. Solve.

- L. What was the total number of points scored in the first two rounds?
- V. What was the total number of points scored in all three rounds?

Round	Points
1	300
2	-800
3	700

-75	-\$7	61	-\$9	91	32	-40	45	$5^{\circ}\text{F}$	33	200	-11	-13	-43	-500	-30	74	-5	16	-28	-68	$8^{\circ}\text{F}$	-18
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**IF YOU HAVE FINISHED YOUR CLASSWORK, THEN:**

ixl.com

username: studentID#@vbschools

password: first two letters of last name studentID#

Ex: 12345@vbschools

ba12345

select math

select 7th grade

Complete the lessons in this order:

Integers add and subtract C.2, C.3, C.1

