

Algebra I  
3.2 Worksheet  
Integer Subtraction

NAME: \_\_\_\_\_  
DATE: \_\_\_\_\_ HOUR: \_\_\_\_\_

Evaluate each expression. Circle the LARGER value for each problem.  
If the two values are equal, circle both answers.

Column A

1.  $-9 + (-8)$

-17

2.  $-19 + (-6)$

\_\_\_\_\_

3.  $27 - (-15)$

\_\_\_\_\_

4.  $-14 + (-17) - 8$

\_\_\_\_\_

5.  $47 + (-93) + (-15)$

\_\_\_\_\_

6.  $-56 - (-84) - 39$

\_\_\_\_\_

7.  $87 - 104 - 53$

\_\_\_\_\_

8.  $106 - (-381)$

\_\_\_\_\_

9.  $-536 - (-218)$

\_\_\_\_\_

10.  $306 + (-409)$

\_\_\_\_\_

11.  $-709 - (-104)$

\_\_\_\_\_

12.  $-579 + 482$

\_\_\_\_\_

13.  $-98 + (-47) - (-201)$

\_\_\_\_\_

14.  $-301 - (-118) - 17$

\_\_\_\_\_

15.  $743 - (-819) + 618$

\_\_\_\_\_

Column B

$-15 + (-3)$

-18

$15 - 33$

\_\_\_\_\_

$63 - 21$

\_\_\_\_\_

$-8 - 19 - 2$

\_\_\_\_\_

$38 + (-52) - 43$

\_\_\_\_\_

$-46 - 91 + (-56)$

\_\_\_\_\_

$-91 - (-42) - 15$

\_\_\_\_\_

$201 - (-311)$

\_\_\_\_\_

$-419 - (-101)$

\_\_\_\_\_

$212 - 357$

\_\_\_\_\_

$-817 + 513$

\_\_\_\_\_

$312 - 798$

\_\_\_\_\_

$43 - 78 - -91$

\_\_\_\_\_

$481 - 912 + 231$

\_\_\_\_\_

$893 - (-972) + 597$

\_\_\_\_\_

## SKILL DRILL

Study these examples.

To subtract an integer, add the opposite of the integer.

$$\begin{aligned} 8 - -6 &= 8 + 6 \\ &= +14 \end{aligned}$$

$$\begin{aligned} -8 - -6 &= -8 + 6 \\ &= -2 \end{aligned}$$

$$\begin{aligned} -8 - 6 &= -8 + -6 \\ &= -14 \end{aligned}$$

Subtract. Re-write each as an addition problem then solve.

1.  $-2 - 9 = -2 + -9 = -11$     2.  $-5 - 3 = -5 + \quad =$     3.  $6 - -8 = 6 + \quad =$

4.  $-5 - -5 = -5 + 5 =$     5.  $4 - 5 = 4 + \quad =$     6.  $-9 - 5 = -9 + \quad =$

7.  $7 - -1 = 7 + 1 =$     8.  $-10 - -8 = -10 + \quad =$     9.  $7 - 9 = 7 + \quad =$

10.  $-11 - -11 = -11 + \quad =$     11.  $14 - -2 = 14 + \quad =$     12.  $-19 - 16 = -19 + \quad =$

13.  $5 - 10 = 5 + \quad =$     14.  $-8 - -4 = -8 + \quad =$     15.  $16 - -12 = 16 + \quad =$

16.  $-12 - 15 = -12 + \quad =$     17.  $10 - -6 = 10 + \quad =$     18.  $-11 - -6 = -11 + \quad =$

19.  $7 - 12 = 7 + \quad =$     20.  $-17 - 12 = -17 + \quad =$     21.  $21 - -19 = 21 + \quad =$

22.  $-13 - -14 = -13 + \quad =$     23.  $11 - 8 = 11 + \quad =$     24.  $-9 - 15 = -9 + \quad =$

25.  $22 - -18 = 22 + \quad =$     26.  $-24 - -31 = -24 + \quad =$     27.  $23 - 16 = 23 + \quad =$

28.  $8 - -15 = 8 + \quad =$     29.  $-14 - 7 = -14 + \quad =$     30.  $-10 - -10 = -10 + \quad =$

31.  $-14 - -10 = -14 + \quad =$     32.  $17 - -10 = 17 + \quad =$     33.  $-24 - 15 = -24 + \quad =$

34.  $9 - -13 = 9 + \quad =$     35.  $-23 - 4 = -23 + \quad =$     36.  $-8 - -14 = -8 + \quad =$

37.  $17 - 9 = 17 + \quad =$     38.  $-15 - 3 = -15 + \quad =$     39.  $-16 - 6 = -16 + \quad =$

40.  $24 - -18 = 24 + \quad =$     41.  $14 - 6 = 14 + \quad =$     42.  $-7 - -14 = -7 + \quad =$

43.  $-9 - 6 = -9 + \quad =$     44.  $9 - -14 = 9 + \quad =$     45.  $17 - 6 = 17 + \quad =$

46.  $-25 - 3 = -25 + \quad =$     47.  $5 - -10 = 5 + \quad =$     48.  $-15 - -8 = -15 + \quad =$

Find each sum.

1.  $-5 + 8$  \_\_\_\_\_

2.  $-13 + 6$  \_\_\_\_\_

3.  $-25 + 19$  \_\_\_\_\_

4.  $-19 + 28$  \_\_\_\_\_

5.  $2 + (-5)$  \_\_\_\_\_

6.  $(-3) + (-3)$  \_\_\_\_\_