

Name \_\_\_\_\_

Date \_\_\_\_\_

## Homework #3 - Adding Integers Using the Rules

Using your class notes, complete the box below with the rules for adding integers. Solve the following problems.

**Rule: Same Sign:**

**Different Signs:**

1.  $5 + (-16) =$  \_\_\_\_\_

2.  $-7 + 8 =$  \_\_\_\_\_

3.  $8 + (-30) =$  \_\_\_\_\_

4.  $7 + 14 =$  \_\_\_\_\_

5.  $45 + (-20) =$  \_\_\_\_\_

6.  $2 + 10 =$  \_\_\_\_\_

7.  $11 + 13 =$  \_\_\_\_\_

8.  $64 + (-8) =$  \_\_\_\_\_

9.  $-13 + 15 =$  \_\_\_\_\_

10.  $-4 + (-6) =$  \_\_\_\_\_

11.  $-13 + -57 =$  \_\_\_\_\_

12.  $5 + (-55) =$  \_\_\_\_\_

13.  $20 + (-20) =$  \_\_\_\_\_

14.  $16 + (-4) =$  \_\_\_\_\_

15.  $-68 + (-68) =$  \_\_\_\_\_

16.  $-40 + 25 =$  \_\_\_\_\_

17.  $2 + 76 =$  \_\_\_\_\_

18.  $5 + (-13) =$  \_\_\_\_\_

19.  $-17 + (-17) =$  \_\_\_\_\_

20.  $32 + 100 =$  \_\_\_\_\_

21.  $-7 + (-20) =$  \_\_\_\_\_

22.  $24 + (-22) =$  \_\_\_\_\_

Name KEY

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## HOMework

Using your class notes, complete the box below with the rules for adding integers. Solve the following problems.

Rule: Signs Same  $\rightarrow$  Add #'s, Keep sign  
Signs Different  $\rightarrow$  Subtract #'s, Keep sign of bigger #

1.  $5 + (-16) =$  -11

2.  $-7 + 8 =$  1

3.  $8 + (-30) =$  -22

4.  $7 + 14 =$  21

5.  $45 + (-20) =$  25

6.  $2 + 10 =$  12

7.  $11 + 13 =$  24

8.  $64 + (-8) =$  56

9.  $-13 + 15 =$  2

10.  $-4 + (-6) =$  -10

11.  $-13 + (-57) =$  -70

12.  $5 + (-55) =$  -50

13.  $20 + (-20) =$  0

14.  $16 + (-4) =$  12

15.  $-68 + (-68) =$  -136

16.  $-40 + 25 =$  -15

17.  $2 + 76 =$  78

18.  $5 + (-13) =$  -8

19.  $-17 + (-17) =$  -34

20.  $32 + 100 =$  132

21.  $-7 + (-20) =$  -27

22.  $24 + (-22) =$  2