

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. $24 + (-22) =$ _____

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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