

NAME _____

DATE _____

5-5 FINDING EQUAL EXPRESSIONS

Place an addition or subtraction symbol in each space so that the expression on the left equals the expression on the right.

1. $3 _ -3 = 5 _ 1$

2. $-2 _ 6 = -10 _ 2$

3. $-7 _ 3 = -2 _ -2$

4. $-8 _ -2 = 5 _ 11$

5. $-15 _ -2 = 20 _ -37$

6. $-3 _ 4 _ -5 = -6 _ -6$

7. $-9 _ -3 _ -10 = 12 _ -8$

8. $-10 _ -2 _ 13 = -8 _ -6 _ 7$

9. $-2 _ -3 _ 5 = -2 _ 4 _ 8 _ 10$

10. $-3 _ 8 _ -4 = 7 _ 1 _ 3$

11. $-2 _ 3 _ -5 = 8 _ -2 _ 4$

12. $-13 _ -3 _ -6 = 8 _ -5 _ -10 _ -3$

NAME _____

DATE _____

5-9 PARENTHESES, PLEASE

A set of parentheses is missing from each equation. Rewrite the equations with the necessary parentheses to make the equations true.

1. $8 - 4 + (-3) = 7$

2. $3 \times (-4) + 2 = -6$

3. $18 \div (-11) + 2 = -2$

4. $-9 \times 4 \div (-1) - 2 = 12$

5. $-3 + 5 \div (-2) = -1$

6. $-8 \div 4 - 2 \times 6 = -24$

7. $32 - 8 \times (-4) = -96$

8. $-36 \times 4 - 4 = 0$

9. $14 + (-1) + (-7) \div 3 = 2$

10. $4 + 10 \div (-6) - 4 = 3$

11. $16 \div 8 - 4 = 4$

12. $6 + 3 \times (-2) = -18$

NAME _____

DATE _____

5-7 FINDING THE LARGEST AND SMALLEST

Use the following integers to write an equation showing the two integers that will give the result stated in each problem:

-3 9 8 -6

1. The largest sum: _____
2. The largest difference: _____
3. The largest product: _____
4. The largest quotient: _____
5. The smallest sum: _____
6. The smallest difference: _____
7. The smallest product: _____
8. The smallest quotient: _____

Write the sum of your answers: _____.

(If the sum is equal to negative five squared, your math is probably correct.)