

Student: _____
Date: _____
Time: _____

Instructor: courtney trabue
Course: GMC LSS Mathematics
Book: Martin-Gay: Developmental
Mathematics

Assignment: MAT 097 Subtracting Real
Numbers (84)

1. Subtract.

$$-7 - 4$$

$$-7 - 4 = \square$$

2. Subtract.

$$15 - (-13)$$

$$15 - (-13) = \square$$

3. Subtract.

$$-6 - (-2)$$

$$-6 - (-2) = \square$$

4. Subtract.

$$-16 - (-16)$$

$$-16 - (-16) = \square$$

5. Subtract.

$$-\frac{3}{13} - \left(-\frac{4}{13}\right)$$

$$-\frac{3}{13} - \left(-\frac{4}{13}\right) = \square \text{ (Simplify your answer. Type an integer or a fraction.)}$$

6. Subtract.

$$-\frac{2}{7} - \frac{4}{9}$$

$$-\frac{2}{7} - \frac{4}{9} = \square \text{ (Simplify your answer. Type an integer or a fraction.)}$$

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7. Subtract.

$$5.9 - (-2.69)$$

$$5.9 - (-2.69) = \square$$

8. Subtract 1 from -2 .

The difference is \square .

9. Decrease -3 by 5.

The difference is \square .

10. Simplify the expression.

$$-1 - 7 + (-11) - (-11)$$

$$-1 - 7 + (-11) - (-11) = \square$$

11. Simplify the expression.

$$-12 - (6 - 10)$$

$$-12 - (6 - 10) = \square$$

12. Simplify the expression.

$$5^2 - 8 \cdot 7$$

$$5^2 - 8 \cdot 7 = \square$$

13. Simplify the expression.

$$-2 + [(14 - 19) - (-8 - 3)]$$

$$-2 + [(14 - 19) - (-8 - 3)] = \square$$

14. Simplify the expression.

$$|-10| + (-3)^2 + (-10 - 15)$$

$$|-10| + (-3)^2 + (-10 - 15) = \square$$

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15. Evaluate the following expression when $x = 8$ and $y = 6$.

$$x - y$$

The answer is .

16. Evaluate the following expression when $x = -2$ and $y = 2$.

$$\frac{3 - x}{y + 4}$$

The answer is . (Simplify your answer. Type an integer or a fraction.)

17. Evaluate the following expression when $x = -4$, $y = 5$, and $t = 10$.

$$|x| + 2t - 8y$$

$$|x| + 2t - 8y = \text{}$$

18. Evaluate the following expression when $x = 2$ and $y = -4$.

$$y^2 - x$$

The answer is .

19. Decide whether the given number is a solution of the given equation.

$$x - 9 = 7; \quad -2$$

Is -2 a solution to $x - 9 = 7$?

- No
 Yes

20. Decide whether the given number is a solution of the given equation.

$$-x + 2 = -x - 1; \quad -3$$

Is -3 a solution of the equation $-x + 2 = -x - 1$?

- Yes
 No