



Solve each problem. Round your answer to 2 decimal places.

1)  $8 + \frac{2}{3} - 8x = 13$

2)  $-2x - 3 + \frac{2}{9} = 14$

3)  $-7 + \frac{2}{7} - 6x = 16$

4)  $\frac{6}{8} + 6 + 8x = 20$

5)  $-8 + \frac{3}{5} + 9x = 12$

6)  $\frac{2}{3} - 4x - 6 = 17$

7)  $7x + \frac{3}{5} + 3 = 11$

8)  $\frac{1}{7} - 8 - 6x = 1$

9)  $7x + \frac{1}{2} - 5 = 20$

10)  $\frac{2}{3} + 2 - 9x = 14$

**Answers**

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

6. \_\_\_\_\_

7. \_\_\_\_\_

8. \_\_\_\_\_

9. \_\_\_\_\_

10. \_\_\_\_\_



Solve each problem. Round your answer to 2 decimal places.

1)  $8 + \frac{2}{3} - 8x = 13$

$$24 + 2 - 24x = 39$$

$$-24x = 13$$

$$-0.54$$

2)  $-2x - 3 + \frac{2}{9} = 14$

$$-18x - 27 + 2 = 126$$

$$-18x = 151$$

$$-8.39$$

3)  $-7 + \frac{2}{7} - 6x = 16$

$$-49 + 2 - 42x = 112$$

$$-42x = 159$$

$$-3.79$$

4)  $\frac{6}{8} + 6 + 8x = 20$

$$6 + 48 + 64x = 160$$

$$64x = 106$$

$$1.66$$

5)  $-8 + \frac{3}{5} + 9x = 12$

$$-40 + 3 + 45x = 60$$

$$45x = 97$$

$$2.16$$

6)  $\frac{2}{3} - 4x - 6 = 17$

$$2 - 12x - 18 = 51$$

$$-12x = 67$$

$$-5.58$$

7)  $7x + \frac{3}{5} + 3 = 11$

$$35x + 3 + 15 = 55$$

$$35x = 37$$

$$1.06$$

8)  $\frac{1}{7} - 8 - 6x = 1$

$$1 - 56 - 42x = 7$$

$$-42x = 62$$

$$-1.48$$

9)  $7x + \frac{1}{2} - 5 = 20$

$$14x + 1 - 10 = 40$$

$$14x = 49$$

$$3.50$$

10)  $\frac{2}{3} + 2 - 9x = 14$

$$2 + 6 - 27x = 42$$

$$-27x = 34$$

$$-1.26$$

**Answers**

1. -0.54

2. -8.39

3. -3.79

4. 1.66

5. 2.16

6. -5.58

7. 1.06

8. -1.48

9. 3.50

10. -1.26