

1. Solve for x.

$$3x + 5 = 26$$

x =

- a) 6
- b) 7
- c) 8
- d) 9

2. Solve for x.

$$4x + 5x = 54$$

x =

- a) 14
- b) 10
- c) 7
- d) 6

3. Solve for x.

$$7x - 13 = 50$$

x =

- a) 11
- b) 10
- c) 9
- d) 8

4. Solve for x.

$$5x + 7x = 8x + 24$$

x =

- a) 2
- b) 3
- c) 6
- d) 8

5. Solve for x.

$$6x + 3 = 4x + 9$$

x =

- a) 2
- b) 3
- c) 4
- d) 6

6. Solve for x.

$$3x - 4 = 7x + 4$$

x =

- a) -2
- b) 0
- c) -4
- d) 4

7. Solve for x.

$$3(2x + 4) = 24$$

x =

- a) 8
- b) 4
- c) 2
- d) 1

8. Solve for x.

$$\frac{x}{3} - 3 = 5$$

x =

- a) 2
- b) -2
- c) 6
- d) 24

9. Solve for x.

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

x =

- a) 8
- b) 12
- c) 26
- d) 32

10. Solve for x.

$$\frac{2x - 5}{3} = 7$$

x =

- a) 2
- b) 13
- c) 8
- d) 18