

Algebra Equations 1c - Adding and Subtracting

Short Answer

1. $y + 7 = 39$

2. $5 + x = 23$

3. $y - 11 = 28$

4. $m + 43 = -21$

5. $33 + x = -20$

6. $m - 34 = -22$

7. $47 = a + 12$

8. $47 = 32 + m$

9. $16 = m - 45$

10. $-42 = x + 13$

11. $-22 = 27 + a$

12. $-29 = r - 21$

Algebra Equations 1c - Adding and Subtracting Answer Section

SHORT ANSWER

1. ANS:

32

$$y + 7 = 39$$

$$\begin{array}{r} -7 \quad -7 \\ \hline y = 32 \end{array}$$

2. ANS:

18

$$5 + x = 23$$

$$\begin{array}{r} -5 \quad -5 \\ \hline x = 18 \end{array}$$

3. ANS:

39

$$y - 11 = 28$$

$$\begin{array}{r} +11 \quad +11 \\ \hline y = 39 \end{array}$$

4. ANS:

-64

$$m + 43 = -21$$

$$\begin{array}{r} -43 \quad -43 \\ \hline m = -64 \end{array}$$

5. ANS:

-53

$$33 + x = -20$$

$$\begin{array}{r} -33 \quad -33 \\ \hline x = -53 \end{array}$$

6. ANS:

12

$$m - 34 = -22$$

$$\begin{array}{r} +34 \quad +34 \\ \hline m = 12 \end{array}$$

7. ANS:

35

$$47 = a + 12$$

$$\begin{array}{r} -12 \quad -12 \\ \hline 35 = a \end{array}$$

$$a = 35$$

8. ANS:

15

$$47 = 32 + m$$

$$\begin{array}{r} -32 \quad -32 \\ \hline 15 = m \end{array}$$

$$m = 15$$

9. ANS:

61

$$16 = m - 45$$

$$\begin{array}{r} +45 \quad +45 \\ \hline 61 = m \end{array}$$

$$m = 61$$

10. ANS:

-55

$$-42 = x + 13$$

$$\begin{array}{r} -13 \quad -13 \\ \hline -55 = x \end{array}$$

$$x = -55$$

11. ANS:

-49

$$-22 = 27 + a$$

$$\begin{array}{r} -27 \quad -27 \\ \hline -49 = a \end{array}$$

$$a = -49$$

12. ANS:

-8

$$-29 = r - 21$$

$$\begin{array}{r} +21 \qquad +21 \\ \hline -8 = r \end{array}$$

$$r = -8$$