

1. Solve  $4g = 12$

$g = \dots\dots\dots$   
(1)

---

2. Solve  $x - 3 = 8$

$x = \dots\dots\dots$   
(1)

---

3. Solve  $x + 5 = 7$

$x = \dots\dots\dots$   
(1)

---

4. Solve  $x + 7 = 4$

$x = \dots\dots\dots$   
(1)

---

5. Solve

$$\frac{x}{4} = 7$$

$x = \dots\dots\dots$   
(1)

6. Solve

$$\frac{x}{2} = 10$$

x = .....  
(1)

---

7. Solve  $2w - 1 = 13$

w = .....  
(2)

---

8. Solve  $3y + 4 = 22$

y = .....  
(2)

---

9. Solve

$$\frac{c}{2} + 3 = 10$$

c = .....  
(2)

10. Solve  $10y - 3 = 24$

$$y = \dots\dots\dots$$

(2)

---

11. Solve  $8w + 20 = 4$

$$w = \dots\dots\dots$$

(2)

---

12. Solve  $12 - y = 5$

$$y = \dots\dots\dots$$

(1)

---

13. Solve  $18 - 4a = 2$

$$a = \dots\dots\dots$$

(2)

14. Solve  $2e - 8 = 14$

$e = \dots\dots\dots$   
(2)

---

15. Solve

$$\frac{w + 3}{4} = 6$$

$w = \dots\dots\dots$   
(2)

---

16. Solve  $3(y + 4) = 24$

$w = \dots\dots\dots$   
(2)

---

17. Solve  $5(2y + 7) = 20$

$y = \dots\dots\dots$   
(2)

18. Solve  $7w + 3 = 5w + 9$

$$w = \dots\dots\dots$$

**(2)**

---

19. Solve  $7y + 6 = 5(y - 2)$

$$y = \dots\dots\dots$$

**(3)**

---

20. Solve  $4(2x - 5) = 5x + 4$

$$x = \dots\dots\dots$$

**(3)**

---

21. Solve  $2(2x + 1) = 3(x - 4)$

$$x = \dots\dots\dots$$

**(3)**

1. Solve

$$\begin{array}{l} 4g = 12 \\ \div 4 \quad \div 4 \\ g = 3 \end{array}$$

$$g = \underline{3} \quad (1)$$

---

2. Solve

$$\begin{array}{l} x - 3 = 8 \\ + 3 \quad + 3 \\ x = 11 \end{array}$$

$$x = \underline{11} \quad (1)$$

---

3. Solve

$$\begin{array}{l} x + 5 = 7 \\ - 5 \quad - 5 \\ x = 2 \end{array}$$

$$x = \underline{2} \quad (1)$$

---

4. Solve

$$\begin{array}{l} x + 7 = 4 \\ - 7 \quad - 7 \\ x = -3 \end{array}$$

$$x = \underline{-3} \quad (1)$$

---

5. Solve

$$\begin{array}{l} \frac{x}{4} = 7 \\ \times 4 \quad \times 4 \\ x = 28 \end{array}$$

$$x = \underline{28} \quad (1)$$

6. Solve

$$\frac{x}{2} = 10$$

$$\times 2 \quad \times 2$$

$$x = 20$$

$$x = 20 \dots\dots\dots (1)$$

7. Solve

$$2w - 1 = 13$$

$$+1 \quad +1$$

$$2w = 14$$

$$\div 2 \quad \div 2$$

$$w = 7$$

$$w = 7 \dots\dots\dots (2)$$

8. Solve

$$3y + 4 = 22$$

$$-4 \quad -4$$

$$3y = 18$$

$$\div 3 \quad \div 3$$

$$y = 6$$

$$y = 6 \dots\dots\dots (2)$$

9. Solve

$$\frac{c}{2} + 3 = 10$$

$$-3 \quad -3$$

$$\frac{c}{2} = 7$$

$$\times 2 \quad \times 2$$

$$c = 14$$

$$c = 14 \dots\dots\dots (2)$$

10. Solve

$$10y - 3 = 24$$

$$\begin{array}{r} +3 \quad +3 \\ 10y = 27 \\ \div 10 \quad \div 10 \\ y = 2.7 \end{array}$$

$$y = 2.7$$

(2)

11. Solve

$$8w + 20 = 4$$

$$\begin{array}{r} -20 \quad -20 \\ 8w = -16 \\ \div 8 \quad \div 8 \\ w = -2 \end{array}$$

$$w = -2$$

(2)

12. Solve

$$12 - y = 5$$

$$\begin{array}{r} +y \quad +y \\ 12 = 5 + y \\ -5 \quad -5 \\ 7 = y \end{array}$$

$$y = 7$$

(1)

13. Solve

$$18 - 4a = 2$$

$$\begin{array}{r} +4a \quad +4a \\ 18 = 2 + 4a \\ -2 \quad -2 \\ 16 = 4a \\ \div 4 \quad \div 4 \\ 4 = a \end{array}$$

$$a = 4$$

(2)



14. Solve

$$2e - 8 = 14$$

$$\begin{array}{r} +8 \quad +8 \\ 2e = 22 \\ \div 2 \quad \div 2 \\ e = 11 \end{array}$$

$$e = \underline{11} \quad (2)$$

15. Solve

$$\begin{array}{r} \frac{w+3}{4} = 6 \\ \times 4 \quad \times 4 \\ w+3 = 24 \\ -3 \quad -3 \\ w = 21 \end{array}$$

$$w = \underline{21} \quad (2)$$

16. Solve

$$3(y+4) = 24$$

$$\begin{array}{r} 3y+12 = 24 \\ -12 \quad -12 \\ 3y = 12 \\ \div 3 \quad \div 3 \\ y = 4 \end{array}$$

$$\begin{array}{r} y = 4 \\ \swarrow \\ y = \underline{\quad\quad\quad} \end{array} \quad (2)$$

17. Solve

$$5(2y+7) = 20$$

$$\begin{array}{r} 10y+35 = 20 \\ -35 \quad -35 \\ 10y = -15 \\ \div 10 \quad \div 10 \\ y = -1.5 \end{array}$$

$$y = \underline{-1.5} \quad (2)$$

18. Solve  $7w + 3 = 5w + 9$

$$\begin{array}{r} -5w \quad -5w \\ 2w + 3 = 9 \\ -3 \quad -3 \\ 2w = 6 \\ \div 2 \quad \div 2 \end{array}$$

$w = 3$   
(2)

19. Solve  $7y + 6 = 5(y - 2)$

$$\begin{array}{r} 7y + 6 = 5y - 10 \\ -5y \quad -5y \\ 2y + 6 = -10 \\ -6 \quad -6 \\ 2y = -16 \\ \div 2 \quad \div 2 \\ y = -8 \end{array}$$

$y = -8$   
(3)

20. Solve  $4(2x - 5) = 5x + 4$

$$\begin{array}{r} 8x - 20 = 5x + 4 \\ 3x - 20 = 4 \\ 3x = 24 \\ x = 8 \end{array}$$

$x = 8$   
(3)

21. Solve  $2(2x + 1) = 3(x - 4)$

$$\begin{array}{r} 4x + 2 = 3x - 12 \\ x + 2 = -12 \\ x = -14 \end{array}$$

$x = -14$   
(3)