

Answer

ONE STEP EQUATIONS - A

$$\begin{array}{l} 1. \quad 162 = 18x \\ \quad \div 18 = \div 18 \\ \hline 162/18 = 1x \\ \quad 9 = x \end{array}$$

$$\begin{array}{l} 2. \quad 14 = 16/y \\ \quad \times 16 = \times 16 \\ \hline 14 \times 16 = 1y \\ \quad 224 = y \end{array}$$

$$\begin{array}{l} 3. \quad 2 = c/15 \\ \quad \times 15 = \times 15 \\ \hline 2 \times 15 = 1c \\ \quad 30 = c \end{array}$$

$$\begin{array}{l} 4. \quad 391 = 17a \\ \quad \div 17 = \div 17 \\ \hline 391/17 = 1a \\ \quad 23 = a \end{array}$$

$$\begin{array}{l} 5. \quad 52 = 6/a \\ \quad \times 6 = \times 6 \\ \hline 52 \times 6 = 1a \\ \quad 312 = a \end{array}$$

$$\begin{array}{l} 6. \quad 72 = 6x \\ \quad \div 6 = \div 6 \\ \hline 72/6 = 1x \\ \quad 12 = x \end{array}$$

$$\begin{array}{l} 7. \quad y/2 = 14 \\ \quad \times 2 = \times 2 \\ \hline 1y = 14 \times 2 \\ \quad y = 28 \end{array}$$

$$\begin{array}{l} 8. \quad 11e = 121 \\ \quad \div 11 = \div 11 \\ \hline 1e = 121/11 \\ \quad e = 11 \end{array}$$

$$\begin{array}{l} 9. \quad 2a = 606 \\ \quad \div 2 = \div 2 \\ \hline 1a = 606/2 \\ \quad a = 303 \end{array}$$

$$\begin{array}{l} 10. \quad 12 = t/10 \\ \quad \times 10 = \times 10 \\ \hline 12 \times 10 = 1t \\ \quad 120 = t \end{array}$$

ONE STEP EQUATIONS - B

$$\begin{array}{l} 11. \quad 422 = s/2 \\ \quad \times 2 = \times 2 \\ \hline 422 \times 2 = 1s \\ \quad 844 = s \end{array}$$

$$\begin{array}{l} 12. \quad 21 = a/3 \\ \quad \times 3 = \times 3 \\ \hline 21 \times 3 = 1a \\ \quad 63 = a \end{array}$$

$$\begin{array}{l} 13. \quad 15v = 225 \\ \quad \div 15 = \div 15 \\ \hline 1v = 225/15 \\ \quad v = 15 \end{array}$$

$$\begin{array}{l} 14. \quad 3a = 666 \\ \quad \div 3 = \div 3 \\ \hline 1a = 666/3 \\ \quad a = 222 \end{array}$$

$$\begin{array}{l} 15. \quad 200 = e/50 \\ \quad \times 50 = \times 50 \\ \hline 200 \times 50 = 1e \\ \quad 10000 = e \end{array}$$

$$\begin{array}{l} 16. \quad 84 = 4y \\ \quad \div 4 = \div 4 \\ \hline 84/4 = 1y \\ \quad 21 = y \end{array}$$

$$17. 300 = 15x$$

$$\div 15 = \div 15$$

$$\frac{300}{15} = 1x$$

$$20 = x$$

$$20. 12 = w/3$$

$$\times 3 = \times 3$$

$$\frac{12 \times 3 = 1w}{}$$

$$36 = w$$

$$18. -7a = 49$$

$$\div 7 = \div 7$$

$$\frac{-1a = 49/7}{}$$

$$-a = 7$$

$$a = -7$$

$$19. 42 = x/2$$

$$\times 2 = \times 2$$

$$\frac{42 \times 2 = 1x}{}$$

$$84 = x$$

ONE STEP EQUATIONS - C

$$21. 1/6g = 48$$

$$\times 6 = \times 6$$

$$\frac{1g = 48 \times 6}{}$$

$$g = 288$$

$$22. 80 = -1/8x$$

$$\times 8 = \times 8$$

$$\frac{80 \times 8 = -1x}{}$$

$$640 = -x$$

$$-640 = x$$

$$23. -1/2x = 20$$

$$\times 2 = \times 2$$

$$\frac{-1x = 20 \times 2}{}$$

$$-x = 40$$

$$x = -40$$

$$24. 40 = -1/2z$$

$$\times 2 = \times 2$$

$$\frac{40 \times 2 = -1z}{}$$

$$80 = -z$$

$$-80 = z$$

$$25. 15y = 120$$

$$\div 15 = \div 15$$

$$\frac{1y = 120/15}{}$$

$$y = 8$$

$$26. -11y = 220$$

$$\div 11 = \div 11$$

$$\frac{-1y = 220/11}{}$$

$$-y = 20$$

$$y = -20$$

$$27. 7a = 126$$

$$\div 7 = \div 7$$

$$\frac{1a = 126/7}{}$$

$$a = 18$$

$$28. 81 = -9x$$

$$\div 9 = \div 9$$

$$\frac{81/9 = -1x}{}$$

$$9 = -x$$

$$-9 = x$$

$$29. -x/2 = 16$$

$$\times 2 = \times 2$$

$$\frac{-1x = 16 \times 2}{}$$

$$-x = 32$$

$$x = -32$$

$$30. 20 = -x/5$$

$$\times 5 = \times 5$$

$$\frac{20 \times 5 = -1x}{}$$

$$100 = -x$$

$$-100 = x$$