

Answer

ONE STEP EQUATIONS - A

$$\begin{array}{l} 1. \quad 6e = 54 \\ \quad \div 6 = \div 6 \\ \hline 1e = 54/6 \\ e = 7 \end{array}$$

$$\begin{array}{l} 2. \quad 24 = x/3 \\ \quad \times 3 = \times 3 \\ \hline 24 \times 3 = 1x \\ 72 = x \end{array}$$

$$\begin{array}{l} 3. \quad 864 = 54y \\ \quad \div 54 = \div 54 \\ \hline 864/54 = 1y \\ 16 = y \end{array}$$

$$\begin{array}{l} 4. \quad 280 = 14x \\ \quad \div 14 = \div 14 \\ \hline 280/14 = 1x \\ 20 = x \end{array}$$

$$\begin{array}{l} 5. \quad 13a = 169 \\ \quad \div 13 = \div 13 \\ \hline 1a = 169/13 \\ a = 13 \end{array}$$

$$\begin{array}{l} 6. \quad 22 = x/11 \\ \quad \times 11 = \times 11 \\ \hline 22 \times 11 = 1x \\ 242 = x \end{array}$$

$$\begin{array}{l} 7. \quad 64 = c/8 \\ \quad \times 8 = \times 8 \\ \hline 64 \times 8 = 1c \\ 512 = c \end{array}$$

$$\begin{array}{l} 8. \quad 225 = 5v \\ \quad \div 5 = \div 5 \\ \hline 225/5 = 1v \\ 45 = v \end{array}$$

$$\begin{array}{l} 9. \quad 168 = 12x \\ \quad \div 12 = \div 12 \\ \hline 168/12 = 1x \\ 14 = x \end{array}$$

$$\begin{array}{l} 10. \quad 44 = 2u \\ \quad \div 2 = \div 2 \\ \hline 44/2 = 1u \\ 22 = u \end{array}$$

ONE STEP EQUATIONS - B

$$\begin{array}{l} 11. \quad 5u = 640 \\ \quad \div 5 = \div 5 \\ \hline 1u = 640/5 \\ u = 128 \end{array}$$

$$\begin{array}{l} 12. \quad 37 = x/5 \\ \quad \times 5 = \times 5 \\ \hline 37 \times 5 = 1x \\ 185 = x \end{array}$$

$$\begin{array}{l} 13. \quad 2250 = 450x \\ \quad \div 450 = \div 450 \\ \hline 2250/450 = 1x \\ 5 = x \end{array}$$

$$\begin{array}{l} 14. \quad 72 = a/12 \\ \quad \times 12 = \times 12 \\ \hline 72 \times 12 = 1a \\ 864 = a \end{array}$$

$$\begin{array}{l} 15. \quad 468 = 78f \\ \quad \div 78 = \div 78 \\ \hline 468/78 = 1f \\ 6 = f \end{array}$$

$$\begin{array}{l} 16. \quad 120 = y/12 \\ \quad \times 12 = \times 12 \\ \hline 120 \times 12 = 1y \\ 1440 = y \end{array}$$

$$17. 6y = 528$$

$$\div 6 = \div 6$$

$$\frac{1y = 528 / 6}{}$$

$$y = 88$$

$$18. 96 = y/3$$

$$\times 3 = \times 3$$

$$\frac{96 \times 3 = 1y}{}$$

$$228 = y$$

$$19. 220 = 2y$$

$$\div 2 = \div 2$$

$$\frac{220/2 = 1y}{}$$

$$110 = y$$

$$20. 25v = 250$$

$$\div 25 = \div 25$$

$$\frac{1v = 250/25}{}$$

$$v = 10$$

ONE STEP EQUATIONS - C

$$21. 72 = -1/12f$$

$$\times 12 = \times 12$$

$$\frac{72 \times 12 = -1f}{}$$

$$864 = -f$$

$$-864 = f$$

$$22. 12 = 1/2t$$

$$\times 2 = \times 2$$

$$\frac{12 \times 2 = 1t}{}$$

$$24 = t$$

$$23. -x/6 = 36$$

$$\times 6 = \times 6$$

$$\frac{-1x = 36 \times 6}{}$$

$$-x = 216$$

$$x = -216$$

$$24. 440 = 4e$$

$$\div 4 = \div 4$$

$$\frac{440/4 = 1e}{}$$

$$110 = e$$

$$25. -1/5a = 10$$

$$\times 5 = \times 5$$

$$\frac{-1a = 10 \times 5}{}$$

$$-a = 50$$

$$a = -50$$

$$26. 12y = 120$$

$$\div 12 = \div 12$$

$$\frac{1y = 120/12}{}$$

$$y = 10$$

$$27. 400 = 25j$$

$$\div 25 = \div 25$$

$$\frac{400/25 = 1j}{}$$

$$16 = j$$

$$28. 20 = -1/5s$$

$$\times 5 = \times 5$$

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

$$100 = -s$$

$$-100 = s$$

$$29. -x/13 = 39$$

$$\times 13 = \times 13$$

$$\frac{-1x = 39 \times 13}{}$$

$$-x = 507$$

$$x = -507$$

$$30. 182 = 13r$$

$$\div 13 = \div 13$$

$$\frac{182/13 = 1r}{}$$

$$14 = r$$