

(18)  $\frac{3}{\sqrt{v}} = \frac{8}{13}$

$$\begin{array}{r|l} 8\sqrt{v} & 39 \\ \hline 8 & 8 \end{array}$$

$\sqrt{v} = \frac{39}{8}$  or 4.875

(19)  $\frac{15}{a} = \frac{3}{2}$

$$\begin{array}{r|l} 3a & 30 \\ \hline 3 & 3 \end{array}$$

$a = 10$

(20)  $\frac{3}{8} = \frac{30}{m}$

$$\begin{array}{r|l} 3m & 240 \\ \hline 3 & 3 \end{array}$$

$m = 80$

(21)  $\frac{2}{7} = \frac{4}{d}$

$$\begin{array}{r|l} 2d & 28 \\ \hline 2 & 2 \end{array}$$

$d = 14$

(22)  $-\frac{9}{b} = \frac{5}{6}$

$$\begin{array}{r|l} 5b & -54 \\ \hline 5 & 5 \end{array}$$

$b = -10.8$  or  $-\frac{54}{5}$

(23)  $\frac{8}{p} = \frac{3}{10}$

$$\begin{array}{r|l} 3p & 80 \\ \hline 3 & 3 \end{array}$$

$p = \frac{80}{3}$  or  $26.\bar{6}$

(24)  $-\frac{3}{4} = \frac{m}{22}$

$$\begin{array}{r|l} 4m & -66 \\ \hline 4 & 4 \end{array}$$

$m = -\frac{33}{2}$  or -16.5

(25)  $\frac{2}{-5} = \frac{6}{t}$

$$\begin{array}{r|l} 2t & -30 \\ \hline 2 & 2 \end{array}$$

$t = -15$

(26)  $\frac{a-2}{9} = \frac{2}{3}$

$$\begin{array}{r|l} 3(a-2) & 18 \\ \hline 3a-6 & 18 \\ +6 & +6 \\ \hline 3a & 24 \\ \hline 3 & 3 \end{array}$$

$a = 8$

(27)  $\frac{b+4}{5} = \frac{7}{4}$

$$\begin{array}{r|l} 4b+16 & 35 \\ \hline -16 & -16 \\ \hline 4b & 19 \\ \hline 4 & 4 \end{array}$$

$b = \frac{19}{4}$  or 4.75

(28)  $\frac{3}{7} = \frac{c+4}{35}$

$$\begin{array}{r|l} 105 & 7c+28 \\ \hline -28 & -28 \\ \hline 77 & 7c \\ \hline 7 & 7 \end{array}$$

$11 = c$

(29)  $\frac{2c}{11} = \frac{c-3}{4}$

$$\begin{array}{r|l} 8c & 11c-33 \\ \hline -11c & -11c \\ \hline -3c & -33 \\ \hline -3 & -3 \end{array}$$

$c = 11$

$$\textcircled{30} \quad \frac{7}{k-2} = \frac{5}{8}$$

$$\begin{array}{r|l} 56 & 5k-10 \\ +10 & +10 \\ \hline \frac{66}{5} & \frac{5k}{5} \\ \hline \frac{66}{5} \text{ or } 13.2 & = k \end{array}$$

$$\textcircled{31} \quad \frac{3}{3b+4} = \frac{2}{b-4}$$

$$\begin{array}{r|l} 3b-12 & 6b+8 \\ -3b & -3b \\ \hline -12 & 3b+8 \\ -8 & -8 \\ \hline -20 & \frac{3b}{3} \\ \hline \frac{-20}{3} \text{ or } -6\frac{2}{3} & = b \\ \text{or} & \\ -6.6 & \end{array}$$

$$\textcircled{32} \quad \frac{q+2}{5} = \frac{2q-11}{7}$$

$$\begin{array}{r|l} 7q+14 & 10q-55 \\ -14 & -14 \\ \hline 7q & 10q-69 \\ -10q & -10q \\ \hline -3q & -69 \\ \hline -3 & -3 \\ \hline q & = 23 \end{array}$$

$$\textcircled{33} \quad \frac{c+1}{c-2} = \frac{4}{7}$$

$$\begin{array}{r|l} 7c+7 & 4c-8 \\ -4c & -4c \\ \hline 3c+7 & -8 \\ -7 & -7 \\ \hline \frac{3c}{3} & \frac{-15}{3} \\ \hline c & = -5 \end{array}$$

$$\textcircled{37} \quad \frac{3}{30} = \frac{x}{140}$$

$$\begin{array}{r|l} 420 & 30x \\ \frac{420}{30} & \frac{30x}{30} \\ \hline 14 & = x \end{array}$$

$$\textcircled{39} \quad 143.32 \div .07 =$$

$$2047.4$$

$$\textcircled{40} \quad \frac{15 \text{ min}}{45 \text{ min}} = \frac{x}{120}$$

$$\begin{array}{r|l} 45x & 1800 \\ \frac{45x}{45} & \frac{1800}{45} \\ \hline x & = 40 \end{array}$$

$$\textcircled{41} \quad \begin{array}{l} 4 \text{ mi at } 10 \text{ mi/hr} = .4 \text{ hr or } 24 \text{ min} \\ 1.2 \text{ mi at } 3 \text{ mi/hr} = .4 \text{ hr} \end{array}$$

leave at same time

(52)

$$\frac{10}{3.69} = \frac{12}{X}$$

$$\begin{array}{r|l} \frac{10 \times 7}{10} & \frac{44.28}{10} \\ \hline X & 4.43 \end{array}$$

(54)

$$\frac{12}{32} = \frac{20}{X}$$

$$\begin{array}{r|l} \frac{640}{12} & \frac{12X}{12} \\ \hline 53.\bar{3} & X \end{array}$$

53 rings