

90*.84	83.7
90*.72	75.6
90*.64	64.8
	57.6

84-90 → A
 76-83 → B
 65-75 → C
 58 → 64 → D
 57 ↓ → F

Ch. 3 Quiz
 ReQuiz
 ReQuiz Corr.
 Quiz
 Quiz Corr.

$$\textcircled{17} \quad \frac{3}{3} \cdot \frac{3}{7} m = -6^2 \cdot \frac{7}{2}$$

$$\underline{\underline{m = -14}}$$

22

$$13.7t - 4.7 = 9.9 + 8.1t$$
$$\begin{array}{r} -8.1t \\ \hline \end{array}$$

$$5.6t - 4.7 = 9.9$$
$$\begin{array}{r} +4.7 \\ \hline \end{array}$$

$$\begin{array}{r} 5.6t = 14.6 \\ \hline 5.6 \quad \quad \quad \hline 5.6 \end{array}$$

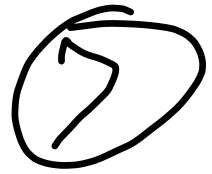
$$\underline{\underline{t \approx 2.61}}$$

⑩

$$t + (+10) = 2$$

$$\begin{array}{r} t + 10 = 2 \\ -10 \quad -10 \\ \hline \end{array}$$

$$\underline{\underline{t = -8}}$$



Mr. G. Shortcut.

16

$$\frac{4}{3} \left(\frac{3}{4} (y+8) \right) = 9 \cdot \frac{4}{3}$$

$$\begin{array}{r} y+8 = 12 \\ -8 \quad -8 \\ \hline \end{array}$$

$$\underline{\underline{y=4}}$$

12

$$\frac{64}{-4} = \frac{-4a}{-4}$$

$$\underline{\underline{-16 = a}}$$

$$P_1 = P_2$$

$$\begin{array}{r} 12 + 1g = 6 + 2g \\ -1g \quad -1g \\ \hline \end{array}$$

$$\begin{array}{r} 12 = 6 + g \\ -6 \quad -6 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \text{ weeks} \\ \hline \hline \end{array}$$

28

average

$$\begin{array}{l} \text{Unit} \\ \text{Rate} \end{array} \frac{\text{miles}}{\text{gal}} = \frac{375 \text{ mi}}{25 \text{ gal}} = \underline{\underline{15 \text{ mi/gal}}}$$

29

$$(15 \text{ mi/gal}) (8 \text{ gal}) = \underline{\underline{120 \text{ mi}}}$$

⑤ Distance from zero.

⑥ Rotten Kid Th^r.

13

$$5 \cdot \frac{x}{5} = 16.5$$

$$\underline{\underline{x = 80}}$$

17

$$26 - 4x = -2(2x - 18)$$

$$26 - 4x = -2(2x) + 2(18)$$

$$26 - 4x = -4x + 36$$

$$26 = 36$$

False No Solution.

$$\textcircled{23} \quad \frac{V}{lw} = \frac{lwh}{lw}$$

$$\frac{V}{lw} = h$$

$$\textcircled{25} \quad \frac{V}{lw} = h \rightarrow \text{exp.}$$

$$\frac{90}{8.5} = h \rightarrow \text{sub.}$$

$$\frac{90}{40} = h$$

$$\frac{9}{4} = h$$

$$2.25 = h$$

} simp.

18

$$\begin{array}{r} 12 + 11h = -18 - 4h \\ +4h \qquad \qquad +4h \\ \hline \end{array}$$

$$\begin{array}{r} 12 + 15h = -18 \\ -12 \qquad \qquad -12 \\ \hline \end{array}$$

$$\begin{array}{r} 15h = 30 \\ \hline 15 \qquad 15 \end{array}$$

$$\underline{\underline{h = -2}}$$

14

$$\underline{-9r} + 19 + \underline{6r} = 1 + 6r$$

$$-3r + 19 = 1 + 6r$$

$$\underline{+3r} \qquad \qquad \qquad \underline{+3r}$$

$$19 = 1 + 9r$$

$$\underline{-1 \quad -1}$$

$$18 = \underline{9r}$$
$$\underline{9} \quad \underline{9}$$

$$\underline{\underline{2 = r}}$$

① $15x - 23 = 15x + 23$

$-15x$ $-15x$

$-23 = 23$

False
No Solution

30

$$\frac{P}{W} \frac{x}{100} = \frac{15}{20}$$

$$5 \cdot 100 = x \cdot 20$$

$$\underline{\underline{x = 25\%}}$$

$$\begin{aligned}
 \textcircled{15} \quad & -2(4-x) - 7 = 5 - 2x \\
 & -2(4) - 2(x) - 7 = 5 - 2x \\
 & \underline{-8 + 2x} - 7 = 5 - 2x \\
 & 2x - 15 = 5 - 2x \\
 & \begin{array}{r}
 +2x \qquad \qquad \qquad +2x \\
 \hline
 4x - 15 = 5
 \end{array} \\
 & \begin{array}{r}
 +15 \quad +15 \\
 \hline
 4x = 20 \\
 \frac{4}{4} = \frac{20}{4} \\
 x = 5
 \end{array}
 \end{aligned}$$

$$\textcircled{24} \quad P = a + b + c$$

$$\begin{array}{r} -a \quad -c \\ \hline \end{array}$$

$$P - a = b + c$$

$$\begin{array}{r} -c \quad -c \\ \hline \end{array}$$

$$\underline{\underline{P - a - c = b}}$$