

Geometry Class Notes

$$-5 + 12 = \boxed{7}$$

$$-3 - 8 = \boxed{-11}$$

$$-9 + 3 = \boxed{-6}$$

$$-6 - 2 - 8 =$$

$$-8 - 8 = \boxed{-16}$$

$$(-6)(-4) = \boxed{24}$$

$$(-3)(12) = \boxed{-36}$$

$$\left(\frac{1}{2}\right) \left(\frac{3}{5}\right) = \frac{3}{10}$$

$$\frac{2}{7} \cdot \frac{3}{10} = \frac{6}{70} = \boxed{\frac{3}{35}}$$

$$\underline{\underline{05}} \cdot \frac{2^+}{7} \cdot \frac{3}{\cancel{10}_5} = \boxed{\frac{3}{35}}$$

Per 5
LAP Boards

8-22-12
WEDNESDAY

Per 1 1/2 7
Homework
Reviews

Per 5

$$\frac{1}{5} - \frac{3}{8}$$

$$\frac{8}{40} - \frac{15}{40} = \boxed{-\frac{7}{40}}$$

$$\frac{\frac{2}{3}}{\frac{5}{7}} = \frac{2}{3} \cdot \frac{7}{5} = \boxed{\frac{14}{15}}$$

$$\frac{\frac{2}{3}}{\frac{5}{7}} = \frac{\frac{2}{3} \cdot \frac{7}{5}}{\frac{5}{7} \cdot \frac{7}{5}} = \frac{\frac{14}{15}}{1}$$

$$\frac{\frac{1}{2}}{\frac{3}{8}} = \frac{1}{2} \cdot \frac{8}{3} = \frac{8}{6} = \boxed{\frac{4}{3}}$$

Per 5

$$\frac{\frac{3}{4}}{-\frac{2}{3}} = \frac{3}{4} \cdot -\frac{3}{2} = \boxed{-\frac{9}{8}}$$

$$\frac{2}{9} - \frac{3}{7}$$

$$\frac{14}{63} - \frac{27}{63} = \boxed{-\frac{13}{63}}$$

(72)

$$9 + 2(2 - 5b)$$

$$9 + 4 - 10b$$

$$\boxed{13 - 10b}$$

Geo 1

Homework Review

Per 7

$$\textcircled{7}^{80} \left(-\frac{1}{8}b + \frac{4}{5}b \right) = \frac{153}{80}$$

GRE

$$\underline{-10b} + \underline{64b} = 153$$

$$\frac{16}{80} \cdot \frac{4}{5} = \frac{1}{1}$$

$$\frac{54b}{54} = \frac{153}{54} = \boxed{\frac{17}{6} = b}$$

$$\text{OK} \quad -\frac{1}{8} \left(\frac{17}{6} \right) + \frac{4}{5} \left(\frac{17}{6} \right) \stackrel{?}{=} \frac{153}{80}$$

$$-\frac{17}{48} + \frac{34}{15} \stackrel{?}{=} \frac{153}{80}$$

$$-\frac{17 \cdot 15}{48 \cdot 15} + \frac{34 \cdot 48}{48 \cdot 15} \stackrel{?}{=} \frac{153}{80}$$

$$\frac{-255 + 1632}{720} \stackrel{?}{=} \frac{153}{80}$$

$$\frac{1377}{720} \stackrel{?}{=} \frac{153}{80}$$

$$\frac{153}{80} \stackrel{?}{=} \frac{153}{80} \quad \checkmark$$

$$\begin{array}{r} 48 \\ \times 15 \\ \hline 240 \\ 48 \\ \hline 720 \end{array}$$

$$\begin{array}{r} 17 \\ \times 15 \\ \hline 85 \\ 17 \\ \hline 255 \end{array} \quad \begin{array}{r} 34 \\ \times 48 \\ \hline 272 \\ 136 \\ \hline 1632 \end{array}$$

$$\begin{array}{r} 1632 \\ -255 \\ \hline 1377 \end{array}$$

Q1P2

Per. 7 Looking Ahead

① $\underline{7a - a = 12}$

$$\begin{array}{c} \downarrow \\ \underline{6a = 12} \\ 6 \quad 6 \end{array}$$

$\boxed{a = 2} \checkmark$

Solution

Values of the variable which when substituted into the equation make a true statement.

OK

$$7(2) - (2) \stackrel{?}{=} 12$$

$$14 - 2 \stackrel{?}{=} 12 \checkmark$$

⑤ $22 = 3x + 8x$

$$\frac{22}{11} = \frac{11x}{11}$$

$\boxed{2 = x} \checkmark$