

# CONCEPT REINFORCEMENT:

## MMS9:

Page 140: #4, 5, 7, and 8

Page 141: #9, 10, 11, 12, 13 and 14 (ALL)

Page 142: #16, 17, and 18(a)

Problems with the homework?

4d.  $\frac{6}{5} \times \left(-\frac{2}{3} + \frac{8}{3}\right)^2 - \frac{5}{12}$

$\frac{6}{5} \times 2^2 - \frac{5}{12}$        $\xrightarrow{\quad} \quad -\frac{2}{3} + \frac{8}{3} = \frac{6}{3}$

$\frac{6}{5} \times \frac{4}{1} - \frac{5}{12}$

$\frac{24}{5} - \frac{5}{12}$

$\frac{288}{60} - \frac{25}{60}$

$\frac{263}{60}$

$4\frac{23}{60}$

$$\begin{aligned}
 \# 8. & -3.7 \times (-2.8 + 1.5) - 4.8 \div (-1.2) \\
 & -3.7 \times (-1.3) - (-4) \\
 & = 4.81 + 4 \\
 & = 8.81
 \end{aligned}$$

$$\begin{aligned}
 b) & -\frac{3}{8} - \frac{4}{5} \times \frac{3}{5} \div \left(-\frac{4}{5}\right) \\
 & -\frac{3}{8} - \frac{6}{25} \div \frac{-4}{5} \\
 & -\frac{3}{8} - \frac{6}{25} \times \frac{5}{-4} \\
 & -\frac{3}{8} + \frac{3}{10} \\
 & -\frac{15}{40} + \frac{12}{40} \\
 & -\frac{3}{40}
 \end{aligned}$$

$$\begin{aligned}
 \# 9. & C = 1.15 [21.95d + 0.035(K - 120)] \\
 & = 1.15 [21.95(4) + 0.035(2400 - 120)] \\
 & = 1.15 [87.80 + 0.035(2280)] \\
 & = 1.15 [87.80 + 79.8] \\
 & = 1.15 (167.6) \\
 & = \$192.74
 \end{aligned}$$

$$\begin{aligned}
 \# 10. & A = 2\pi r^2 + 2\pi r \times h \\
 & = 2\pi (3.5)^2 + 2\pi (3.5)(11.5) \\
 & = 24.5\pi + 80.5\pi \\
 & = 105\pi \\
 & = 329.87
 \end{aligned}$$

Name

Quiz #4

Sept 21

$$\left(-\frac{2}{3}\right) \div \left[\frac{1}{4} - \left(-\frac{1}{2}\right)\right] \times \frac{1}{3}$$

$$-\frac{2}{3} \div \left(\frac{1}{4} + \frac{2}{4}\right) \times \frac{1}{3}$$

$$-\frac{2}{3} \div \frac{3}{4} \times \frac{1}{3}$$

$$-\frac{2}{3} \times \frac{4}{3} \times \frac{1}{3}$$

$$\frac{-8}{27}$$