Problems with the homework?

Page 141: #9, 10, 11, 12, 13 and 14 (ALL)
Page 142: #16, 17, and 18(a)

12.

c) $-3 \div \left(-\frac{4}{5}\right) + \left(-\frac{5}{12}\right) \times 1\frac{1}{2}$

$-3 \times -\frac{5}{4} + -\frac{5}{\cancel{12}_{4}} \times \frac{\cancel{3}^{1}}{2}$

$1\frac{5}{4} + \left(-\frac{5}{8}\right)$

$\frac{30}{8} - \frac{5}{8}$

$\frac{25}{8}$

$3\frac{1}{8}$

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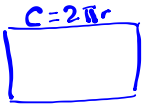
10 $SA = 2\pi r^2 + 2\pi rh$

$= 2\pi(3.5)^2 + 2\pi(3.5)(11.5)$

$= 24.5\pi + 80.5\pi$ $2\pi + 3\pi$

$= 105\pi$

$= 329.9\ cm^2$



9. $C = 1.15[21.95(4) + 0.035(2400 - 120)]$

$= 1.15[87.8 + 0.035(2280)]$

$= 1.15[87.6 + 79.8]$

$= 1.15(167.8)$

$= 192.74$

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11. $C = \frac{F-32}{1.8}$

A)

i) $C = \frac{0-32}{1.8}$ ii) $C = \frac{-40-32}{1.8}$ iii) $C = \frac{-53-32}{1.8}$

$= -17.\overline{7}$ $= -40$ $= -47.\overline{2}$

B) $C = \frac{5}{9}(F-32)$

$= \frac{5}{9}(50-32)$

$= \frac{5}{9}(18)$

$= 10°C$

WARM UP:
(TO BE PASSED IN)

Evaluate. Use fractions for #2 and #4.

1. $(-5.6) - (-7.7)$	**2.** $1\frac{2}{9} + \left(-\frac{5}{4}\right)$
3. -7.3×-9.3	**4.** $-2\frac{1}{3} \div \left(-\frac{9}{2}\right)$

Concept Reinforcement

Extra Practice Pages 1 & 2

Attachments

unit03_ep_apk.pdf