

TEST Thurs. - Chpt. 6
 Extra Credit - Up to 8pts. for
 Chapter 6 Review - All problems

MINUTE QUESTIONS

6.4
 #45 101°F $C = \frac{5(F-32)}{9}$ $C = \frac{345}{9}$
 $= \frac{5(101-32)}{9} = 38.38\text{C}$
 $= \frac{5 \cdot 69}{9} = 38.3\text{C}$

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6.3
 #25 478.95 mg \rightarrow cg

$478.95 \text{ mg} \times \frac{1 \text{ g}}{1000 \text{ mg}} \times \frac{100 \text{ cg}}{1 \text{ g}}$

$= \frac{478.95}{10} = 47.895 \text{ cg.}$

*10mg = 1cg
 478.95mg x 100 = 47895cg*

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2 km \rightarrow decimeters

$2 \text{ km} \times \frac{1000 \text{ m}}{1 \text{ km}} \times \frac{10 \text{ decimeters}}{1 \text{ meter}} = 20,000 \text{ dm}$

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7.2 Addition with Negative Numbers

$3 + 5 = 8$
 $2 + (-5) = -3$
 $-2 + 5 = 3$
 $-3 + (-5) = -8$

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Simplify:
 $12 + (-3) + (-7) + 5$
 $9 + (-7) + 5$
 $2 + 5$
 (7)

$2 + (-6) = -4$
 $-2 + (-6) = -8$

~~$2 - (-6)$~~

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$[2 + (-12)] + [2 + (-5)]$
 $[-14] + [-3]$

-17

$-5.76 + (-3.24) = -9$

-5.76
 3.24
 \hline
 9.00

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$$\begin{array}{r}
 -4 + 6 - 7 \\
 \underline{2 - 7} \\
 (2 + (-7)) \\
 (-5)
 \end{array}$$

$$\begin{array}{r}
 \overset{-5}{\cancel{15 - 8}} \\
 \hline
 -4
 \end{array}$$

$$\begin{array}{r}
 15 - (-5) - 8 \\
 15 + 5 - 8 \\
 \underline{20 - 8} \\
 20 + (-8) \\
 (12)
 \end{array}$$

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Subtract 2 from -8 : ~~2 - (-8)~~

$$\begin{array}{r}
 -8 - 2 \\
 -8 + (-2) \\
 -10
 \end{array}$$

Subtract 52 from 89

$$\begin{array}{r}
 89 \\
 -52 \\
 \hline
 \end{array}$$

Subtract 89 from 52: $52 - 89$

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Subtract -5 from 7

$$\begin{array}{r}
 7 - (-5) \\
 7 + 5 = 12
 \end{array}$$

Find the difference of -8 and -6

$$\begin{array}{r}
 -8 - (-6) \\
 -8 + 6 = -2
 \end{array}$$

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$$\begin{array}{r}
 -\frac{5}{8} - (-\frac{3}{8}) \\
 -\frac{5}{8} + (\frac{3}{8}) = -\frac{2}{8}
 \end{array}$$

$$\begin{array}{r}
 -\frac{5}{8} - \frac{3}{8} \\
 -\frac{5}{8} + (-\frac{3}{8}) = -\frac{8}{8} = -1
 \end{array}$$

~~AAAAAA~~

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