

Quiz 1

2/26/15

4 1. Compute : $-17.9 - (-27.45) - (-4.2) + (-2.2)$
 $= -17.9 + 27.45 + 4.2 + (-2.2)$
 $= -20.1 + 31.65$
 $= 11.55 //$

side
 $\begin{array}{r} \cancel{17.9} \\ + 2.2 \\ \hline 20.1 \\ \end{array}$
 $\begin{array}{r} \cancel{27.45} \\ + 4.20 \\ \hline 31.65 \\ \end{array}$

5 2. Compute : $-\frac{24}{35} \div 1\frac{1}{7} \div 3\frac{2}{4}$
 $= -\frac{24}{35} \div \frac{8}{7} \div \frac{14}{4}$
 $= -\frac{24}{35} \cdot \frac{7}{8} \cdot \frac{4}{14}$
 $= -\frac{\overset{3}{\cancel{24}}}{\underset{5}{\cancel{35}}} \cdot \frac{\overset{1}{\cancel{7}}}{\underset{1}{\cancel{8}}} \cdot \frac{\overset{2}{\cancel{4}}}{\underset{7}{\cancel{14}}}$
 $= -\frac{6}{35} //$

$\begin{array}{r} 31.65 \\ - 20.10 \\ \hline 11.55 \\ \end{array}$

5 3. Compute : $2\frac{3}{7} - (-\frac{2}{3}) - 2\frac{5}{6}$
 $= \frac{17}{7} + \frac{2}{3} - \frac{17}{6}$
 $= \frac{102}{42} + \frac{28}{42} - \frac{119}{42}$
 $= \frac{102 + 28 - 119}{42}$
 $= \frac{11}{42} //$