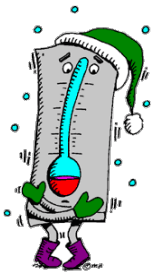

Warm Up

Determine the sum of each of the following:

1) $\frac{-3}{7}+\left(\frac{-3}{7}\right)$ $-\frac{6}{7}$

2) a) 2.7 + 1.8 $= 4.5$

b) -3.7 + 4.5 0.8

c) 2.7 + (-8.7) -6.0

Grade 9 Warm Up

1) Express each fraction as a decimal.

a) $\frac{1}{5}$ 0.2 b) $\frac{2}{15}$ $0.1\overline{3}$ c) $\frac{-4}{13}$ $-0.\overline{307692}$...

2) Express each decimal as a fraction or mixed number in simplest form.

a) **0.4** $\frac{4}{10}=\frac{2}{5}$ b) **-3.2** $-3\frac{2}{10}=-3\frac{1}{5}$ c) **1.125** $1\frac{125}{1000}=1\frac{5}{40}=1\frac{1}{8}$

3) Determine each sum using fractions. (Show all work and reduce final answers to lowest terms.)

a) $\frac{-6}{5}+\left(\frac{-2}{5}\right)$

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

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

b) $\frac{8}{3}+\frac{5}{4}$

$\frac{32}{12}+\frac{15}{12}$

$\frac{47}{12}$

$=3\frac{11}{12}$

c) $-3\frac{2}{7}+2\frac{1}{4}$

$-\frac{23}{7}+\frac{9}{4}$]$\times 7$

$\frac{-92}{28}+\frac{63}{28}$

$-\frac{29}{28}$

$=-1\frac{1}{28}$