Grade 9
Warm Up

Determine each sum.

1)

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

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

3) $$-1\frac{2}{3} + \left(-3\frac{1}{5}\right)$$

Grade 9 Warm Up

Determine each sum.

1)

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

$$\left(\frac{-25}{30}\right) + \left(\frac{-12}{30}\right)$$

$$= \frac{-37}{30}$$

$$= -1\frac{7}{30}$$

2)

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

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

$$= \frac{47}{12}$$

3)

$$-1\frac{2}{3} + \left(-3\frac{1}{5}\right)$$

$$-\frac{5}{3} + \left(-\frac{16}{5}\right)$$

$$\frac{-25}{15} + \left(\frac{-48}{15}\right)$$

$$= \frac{-73}{15}$$

$$= -4\frac{13}{15}$$

2

$$\frac{2}{3} - \frac{5}{6} - \left(-3\frac{1}{2}\right)$$

$$\frac{4}{6} - \frac{5}{6} \qquad = -\left(-\frac{7}{2}\right)$$

$$\frac{-1}{6} \qquad + \qquad \frac{21}{6}$$

$$= \frac{20}{6}$$

$$= 3\frac{2}{6}$$

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

$$3 + 7 - (-4)$$

$$10 \qquad + (+4)$$

$$14$$

4) On December 18th, the temperature in Miramichi was -21.6ºC. By noon the next day, the temperature increased by 3.7 ºC.
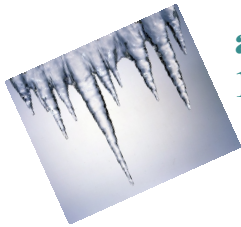
a) What was the temperature at noon on December 19th?

$$-21.6 + 3.7 = -17.9 \text{ °C}$$
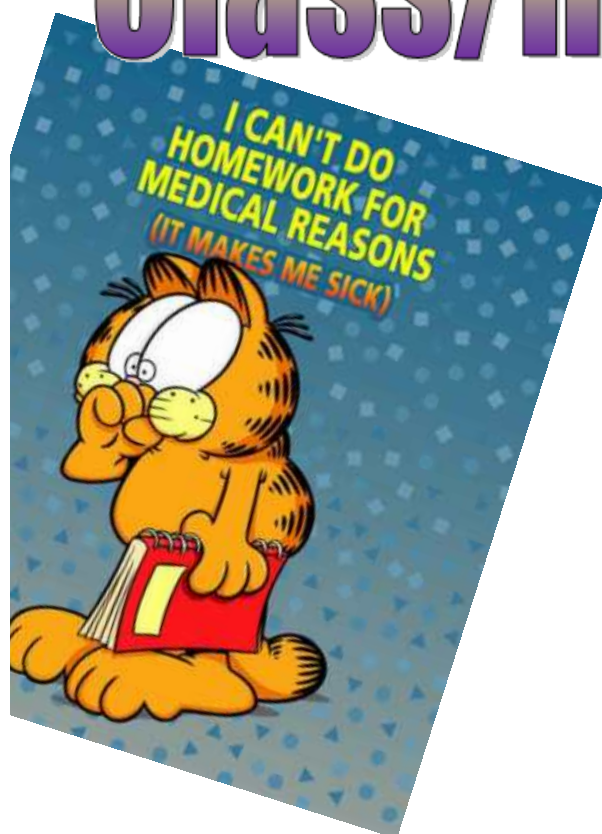
b) On December 17th, the temperature was 2.1ºC less than (colder than) that of December 18th. What was the temperature on the 17th?

$$-21.6 - 2.1 = 23.7 \text{ °C}$$

or

$$-21.6 + (-2.1) = 23.7 \text{ °C}$$

Class/Homework

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