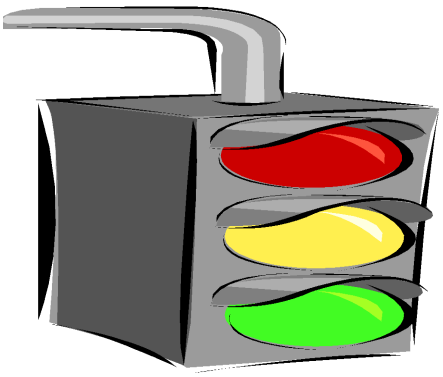

HOME LEARNING:

Pages 101 and 102 - Questions:
5 , 6 , 7 , 12aceh , 13

NOTE:

If there are ONLY fractions in a question, then you must have fractional answers. If the question has fractions AND decimal numbers, then your answer can be in either decimal or fraction form.

5. Identify equal rational numbers in the list that follows.

$$\frac{2}{3} \quad \frac{-3}{2} \quad \frac{-2}{3} \quad -\frac{2}{3}$$

$$-\frac{3}{2} \quad \frac{2}{-3} \quad \frac{3}{-2} \quad \frac{3}{2}$$

6. For each rational number, write two fractions that represent the same number.

a) $\frac{7}{-9}$ b) $\frac{-5}{3}$ c) $-\frac{6}{11}$

7. Write each rational number as a decimal.

a) $\frac{6}{5}$

b) $-\frac{6}{5}$

c) $\frac{9}{4}$

d) $-\frac{11}{6}$

12. Write 3 rational numbers between each pair of numbers.

a) 3.7, 4.2

c) $-4.5, -4$

e) $-5.6, 5.7$

h) $-2.98, -2.99$

d) $-5.6, -4.5$

13. The thermostat on a freezer is set at −18°C. The compressor on the freezer turns on and cools down the freezer when the temperature rises to −15.5°C. The compressor turns off when the temperature drops to −19.5°C.

a) Sketch a thermometer and mark the 3 freezer temperatures.

b) A package of meat must remain below −18°C. Should this freezer be used? Explain.