

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

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

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

a) $\frac{7}{-9}$

$-\frac{7}{9}$

$-\frac{7}{9}$

b) $\frac{-5}{3}$

$\frac{5}{-3}$

$-\frac{5}{3}$

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

$\frac{-6}{11}$

$\frac{6}{-11}$

7. Write each rational number as a decimal.

$$\text{a) } \frac{6}{5} = 1.2$$

$$\text{b) } -\frac{6}{5} = -1.2$$

$$\text{c) } \frac{9}{4} = 2.25$$

$$\text{d) } -\frac{11}{6} = -1.8\bar{3}$$

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

a) 3.7, 4.2

3.8, 4.0, 4.1

c) $-4.5, -4.0$

$-4.1, -4.2, -4.3$

e) $-5.6, 5.70$

3, 2.5, -4.6

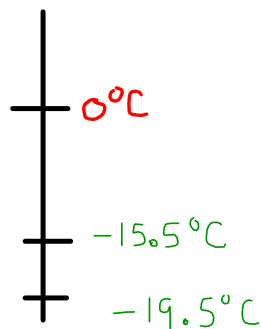
h) $-2.98, -2.99$

-2.981
 -2.982
 \vdots
 -2.989

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.

No because the temperature sometimes goes above -18°C .