



1) Identify which category each number belongs to:

	N	W	I	Q	\bar{Q}	R
a) -2.77				✓		✓
b) 6	✓	✓	✓	✓		✓
c) $\frac{2}{3}$				✓		✓
d) 7	✓	✓	✓	✓		✓

2) Identify which fraction is larger. Explain why by showing your work.

May use calculator

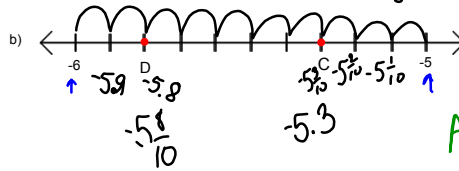
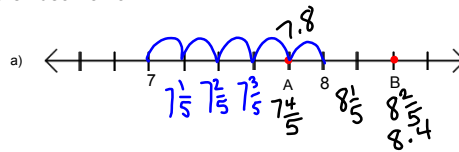
a) $-\frac{2}{7}$ \square $-\frac{3}{8}$
 $-\frac{16}{56}$ $-\frac{21}{56}$

Without a calculator

b) $\frac{3}{5}$ \square $\frac{2}{3}$
 $\frac{9}{15}$ $\frac{10}{15}$

> greater
 < less

3) Write the rational number indicated on the number line in
 i) fraction form and
 ii) then decimal form



A → frac decimal

16 e). $-5.\bar{6}$ -5.6
 $-5.6666\dots$ -5.6000
 ↑

a) $\boxed{2.34}$ 2.30

c) -1.4 $\boxed{1.4}$

$$17. a) \frac{3^{\times 5}}{4^{\times 5}} = \boxed{\frac{15}{20}}, \quad \frac{3^{\times 4}}{5^{\times 4}} = \boxed{\frac{12}{20}}$$

$$\frac{12}{20}$$

$$18. a) \frac{3}{4} = 0.75 \quad \frac{6}{7} = 0.8571\ldots$$

$$b) -0.75 \quad -0.86$$

21

23 no # line

24 no # line

25 "

27