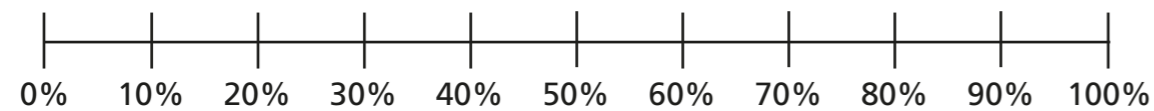


1 Write $<$, $>$ or $=$ to complete the statements.

- | | |
|---------------------------------------|--|
| a) 64% <input type="text"/> | d) 0.8 <input type="text"/> |
| b) 0.96 <input type="text"/> | e) 67% <input type="text"/> |
| c) $\frac{3}{5}$ <input type="text"/> | f) $\frac{7}{20}$ <input type="text"/> |

2 Draw arrows to estimate the positions of the fractions, decimals and percentages on the number line.

- a) 9% $\frac{9}{10}$ 0.99 19%



- b) $\frac{2}{5}$ 0.52 45% 0.2



3 Write the fractions, decimals and percentages in ascending order.

- a) $\frac{7}{10}$ $\frac{13}{100}$ 21% 0.9

- b) 0.6 61% $\frac{37}{50}$ 0.66

- c) 47% 0.89 $\frac{63}{100}$ 12%

d) Which part was easiest to order: a), b) or c)? _____
Why?

e) Which set was most difficult to order: a), b) or c)? _____
Why?

f) Compare answers with a partner.
What is the same and what is different?



4 These fractions, decimals and percentages are in descending order.

99% $\frac{89}{100}$ 0.7 0.5 49%

Tick the fractions, decimals and percentages that could fill the gap.

0.78 51% $\frac{3}{5}$ 0.6 $\frac{4}{10}$

5 Tommy scored $\frac{40}{50}$ on a Maths test.

Aisha got 78% of the test correct.

Aisha thinks she has done better because 78 is greater than 40

Do you agree with Aisha? _____

Explain your answer.

6 Huan, Nijah and Scott each started with a 1-litre bottle of juice.

Huan drank 0.55 litres.

Nijah drank 59% of her juice.

Scott has $\frac{4}{10}$ of his juice left.



Who drank the most? Show your working.

_____ drank the most.

Who drank the least? Show your working.

_____ drank the least.

7 a) Use the digit cards to make the statement correct.



$$0.3 < \frac{\square}{10} < 80\%$$

How many different solutions can you find?

b) Use the digit cards to write a percentage greater than $\frac{2}{5}$ but less than 75%.



$$\frac{2}{5} < \frac{\square}{10} < 0.75$$

How many different percentages can you find?

Compare answers with a partner.

