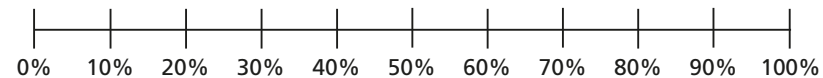


1 Write  $<$ ,  $>$  or  $=$  to complete the statements.

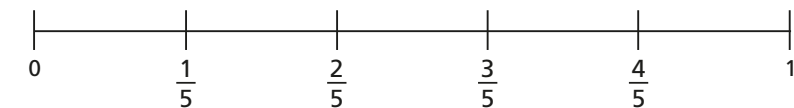
- a)  $64\%$    $0.46$       c)  $\frac{3}{5}$    $35\%$       e)  $67\%$    $\frac{7}{10}$
- b)  $0.96$    $\frac{97}{100}$       d)  $0.8$    $80\%$       f)  $\frac{7}{20}$    $0.3$

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.

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

Which of the fractions, decimals and percentages 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.

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%

Which of the fractions, decimals and percentages 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.

Who drank the least? Show your working.



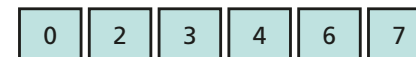
7 a) Use the digit cards to make the statement correct.



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

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%.



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

How many different percentages can you find?

Compare answers with a partner.