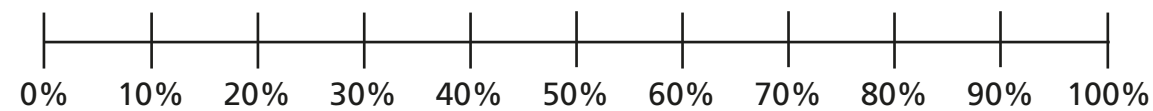


1 Write  $<$ ,  $>$  or  $=$  to complete the statements.

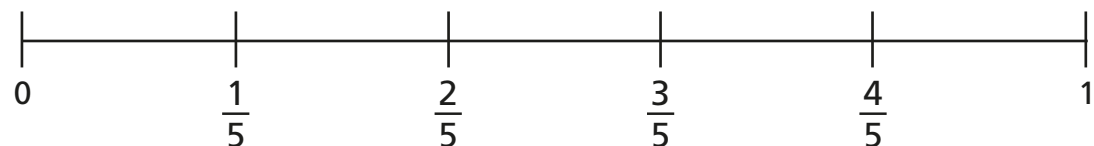
- |                              |                            |
|------------------------------|----------------------------|
| a) $64\%$ ○ $0.46$           | d) $0.8$ ○ $80\%$          |
| b) $0.96$ ○ $\frac{97}{100}$ | e) $67\%$ ○ $\frac{7}{10}$ |
| c) $\frac{3}{5}$ ○ $35\%$    | f) $\frac{7}{20}$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

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%

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.

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- 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.

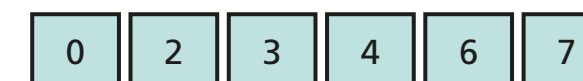


$$0.3 < \frac{\square}{10} < 80\%$$

How many different solutions can you find?

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



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

How many different percentages can you find?

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Compare answers with a partner.