

27.1.21

**LO: Ordering Fractions, Decimals and Percentages**

1 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      $\frac{4}{10}$

2 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.

\_\_\_\_\_  
\_\_\_\_\_

3 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.

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

1 2 3 4 5 6 7 8 9 10

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

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%.

0 2 3 4 6 7

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

How many different percentages can you find?

\_\_\_\_\_