Order FDP

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

a) 64% ◯ 0.46

b) 0.96 ◯ $\frac{97}{100}$

c) $\frac{3}{5}$ ◯ 35%

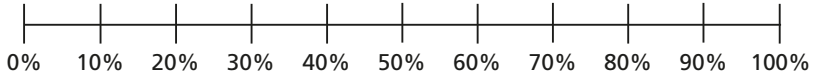
d) 0.8 ◯ 80%

e) 67% ◯ $\frac{7}{10}$

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.

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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.

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

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

How many different percentages can you find?

Compare answers with a partner.