

Percentages



Order Fractions, decimals and percentages

1a. Deborah has put these fractions, decimals and percentages in order from smallest to largest.

$\frac{1}{2}$	$\frac{3}{10}$	20%	0.45
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Is she correct? Explain your answer.

1b. Henry has put these fractions, decimals and percentages in order from smallest to largest.

0.25	$\frac{4}{5}$	70%	0.1
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Is he correct? Explain your answer.

3a. Joe says,



If I buy 45% of the cards and Jack buys two quarters, I will have the most.

Is he correct? Explain your answer.

3b. Jamal says,



If I get 55% of the marbles and Nathan gets six tenths, I will have the most.

Is he correct? Explain your answer.

1. Suzie is ordering fractions, decimals and percentages from smallest to greatest. Which percentage does she need to complete the order below?

0.21	$\frac{7}{25}$		0.42
27%	44%	31%	

4. Jamila says,



If I have 56% of the marbles and Isaac has eleven twenty-fifths of the marbles, he has 12% less than me.

Is Jamila correct? Prove it.

3. Mr Roberts is ordering the results of a maths test his class recently took.

The scores are recorded in the table below. **1 = smallest, 5 = biggest**

Name	Darcy	Jan	Tom	Luke	Beth
Score	50%	$\frac{3}{4}$	0.75	65%	0.8

Put the scores in ascending order. Did any pupils get the same score?
Explain how you know.