



## Ordering Fractions, Decimals and Percentages GREEN

### Question 1

Choose the correct symbol ( $<$ ,  $=$  or  $>$ ) in the boxes below.

a)  $0.35$    $32\%$

b)  $0.4$    $4\%$

c)  $0.2$    $\frac{1}{5}$

d)  $\frac{3}{5}$    $0.55$

e)  $75\%$    $\frac{3}{4}$

f)  $0.09$    $90\%$

### Question 2

Put the following fractions, decimals and percentages in ascending order.

a)  $70\%$   $\frac{3}{4}$   $0.6$   $\frac{2}{3}$

b)  $0.4$   $\frac{7}{15}$   $35\%$   $\frac{3}{7}$

c)  $0.82$   $\frac{4}{5}$   $85\%$   $\frac{2}{3}$   $\frac{7}{8}$

d)  $\frac{5}{8}$   $0.6$   $62\%$   $\frac{2}{3}$   $0.06$

e)  $\frac{8}{9}$   $88\%$   $0.89$   $\frac{9}{10}$   $\frac{7}{8}$

### Question 3

Here are six numbers:  $75\%$   $\frac{8}{10}$   $\frac{9}{12}$   $0.75$   $66\frac{2}{3}\%$   $\frac{6}{8}$

Two of the numbers are not equal to  $\frac{3}{4}$

Tick the ones that do not equal  $\frac{3}{4}$

### Question 4

Jane is buying a car. She needs to pay  $\frac{3}{8}$  of the total cost as a deposit. Her parents give her 35% of the cost of the car to help her buy it. Is this enough to pay the deposit? Prove your answer.

### Question 5

In a season, Mathematico FC won 14 out of the 20 matches they played. AFC Protractor won 60% of their matches. Which team had the highest proportion of wins?

### Question 6

In a game, the winner is the person who transfers more counters from one box to another. Billy transfers 65% of his counters. Robert transfers  $\frac{13}{20}$  of his counters. Who has won?