Ordering Fractions, Decimals and Percentages GREEN

Pixi

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?