

Order FDP

1. Which percentage is needed to complete the order below?

$$0.28 \quad \frac{4}{12} \quad \square \quad 0.42$$

23%	44%	31%
-----	-----	-----

VF

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.

R

2. Write the following fractions, decimals and percentages in descending order.

76%	0.32	$\frac{3}{5}$	0.875
-----	------	---------------	-------

--	--	--	--

VF

5. Jamie has compared some fractions, decimals and percentages and written them in the order below.

$$\square 89\% > \square \frac{3}{5} = \square 0.875 > \square \frac{7}{8}$$

Is he correct? Convince me.

R

3. Complete the comparison statements below using the $<$, $>$ or $=$ symbols.

A. $0.8 \quad \square \quad \frac{4}{5}$

B. $\frac{5}{8} \quad \square \quad 87.5\%$

C. $66\% \quad \square \quad 0.06$

VF

6. Complete the statement using a decimal and a percentage from the cards below.

$$\square \frac{7}{20} < \square < \square \frac{5}{8} < \square$$

38%	0.5	65%
0.4	90%	0.7

Find three possibilities.

PS

Order FDP

1. 31%
2. 0.875, 76%, $\frac{3}{5}$, 0.32
3. A. =, B. <, C. >
4. Jamila is correct. Eleven twenty-fifths is equal to 44%. 44% is 12% less than 56%.
5. Jamie's order is incorrect. $\frac{3}{5}$ is not equal to 0.875 or 87.5% as $\frac{3}{5}$ is equal to 60%. $\frac{7}{8}$ is equal to 0.875 so this needs to swap places with $\frac{3}{5}$.
6. Various answers, for example: 0.5 and 65%; 38% and 0.7; 0.4 and 90%