Varied Fluency
Step 23: Order FDP

National Curriculum Objectives:

Mathematics Year 6: (6F6) Associate a fraction with division and calculate decimal fraction equivalents [for example, 0.375] for a simple fraction [for example, 3/8]

Mathematics Year 6: (6F11) Recall and use equivalences between simple fractions, decimals and percentages, including in different contexts

Differentiation:

Developing Questions to support ordering fractions, decimals and percentages. Using percentages and decimals that are multiples of 5 and fractions that are halves, thirds, quarters, fifths and tenths.

Expected Questions to support ordering fractions, decimals and percentages. Using any percentage and decimal numbers and any proper fraction.

Greater Depth Questions to support ordering fractions, decimals and percentages. Using mixed numbers and improper fractions, decimals greater than 1 and percentages more than 100.

More Year 5 and Year 6 Decimals and Percentages resources.

Did you like this resource? Don't forget to review it on our website.

Order FDP

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1a. Frankie wants to compare her spelling scores for the last 4 weeks.

Week 1	Week 2	Week 3	Week 4
75%	0.55	65%	$\frac{4}{5}$

Which week did she score the highest?

6 VF

1b. Zoe wants to compare her arithmetic scores for the last 4 weeks.

Week 1	Week 2	Week 3	Week 4
0.75	$\frac{3}{4}$	0.8	85%

Which week did she score the highest?

6 VF

2a. True or false?

A) $35\% > \frac{2}{10}$

B) $75\% < 0.6$

6 VF

2b. True or false?

A) $45\% > \frac{7}{10}$

B) $20\% < 0.45$

6 VF

3a. These values are in order from smallest to largest. Which percentage completes the sequence?

0.05   ☐?   0.45 $\frac{5}{10}$

| 75% | 30% | 1% |

6 VF

3b. These values are in order from smallest to largest. Which percentage completes the sequence?

0.2   ☐?   0.65 $\frac{8}{10}$

| 35% | 75% | 10% |

6 VF

4a. Insert the values in to the boxes to make this statement correct.

☐ < ☐ < ☐

0.5   45% $\frac{2}{5}$

6 VF

4b. Insert the values in to the boxes to make this statement correct.

☐ > ☐ > ☐

0.55   0.7 $\frac{2}{3}$

6 VF

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Varied Fluency – Order FDP – Year 6 Developing

Order FDP

Order FDP

5a. Rita wants to compare her arithmetic scores for the last 4 weeks.

Week 1	Week 2	Week 3	Week 4
62%	0.71	0.8	$\frac{5}{8}$

Which week did she score the highest?

⭐ E   6   VF

5b. Dermot wants to compare his spelling scores for the last 4 weeks.

Week 1	Week 2	Week 3	Week 4
0.68	$\frac{8}{10}$	74%	$\frac{4}{8}$

Which week did he score the highest?

⭐ E   6   VF

6a. True or false?

A) $28\% > \frac{1}{9}$

B) $43\% < 0.4$

⭐ E   6   VF

6b. True or false?

A) $25\% > \frac{4}{12}$

B) $36\% < 0.3$

⭐ E   6   VF

7a. These values are in order from smallest to largest. Which percentage completes the sequence?

0.09 ☐? 0.35 $\frac{8}{12}$

| 8% | 5% | 23% |

⭐ E   6   VF

7b. These values are in order from smallest to largest. Which percentage completes the sequence?

0.12 ☐? 0.27 $\frac{11}{20}$

| 20% | 7% | 36% |

⭐ E   6   VF

8a. Insert the values in to the boxes to make this statement correct.

☐ > ☐ > ☐

20%   0.6 $\frac{3}{8}$

⭐ E   6   VF

8b. Insert the values in to the boxes to make this statement correct.

☐ < ☐ < ☐

0.38   11% $\frac{2}{6}$

⭐ E   6   VF

9a. Gabi wants to compare her profit figures for the last 4 weeks.

Week 1	Week 2	Week 3	Week 4
1.35	1.65	110%	$1\frac{1}{2}$

Which week was the highest?

6 VF

9b. Vince wants to compare his sales figures for the last 4 weeks.

Week 1	Week 2	Week 3	Week 4
200%	$\frac{11}{4}$	1.09	123%

Which week was the highest?

6 VF

10a. True or false?

A) $2.45 > \frac{5}{2}$

B) $1.39 < 140\%$

6 VF

10b. True or false?

A) $3.2 > 1\frac{1}{8}$

B) $1.75 < 125\%$

6 VF

11a. These values are in order from largest to smallest. Which percentage completes the sequence?

$2\frac{3}{4}$ 2.48   ?   1.85

250%   170%   199%

6 VF

11b. These values are in order from largest to smallest. Which percentage completes the sequence?

$\frac{14}{8}$ 1.7   ?   1.59
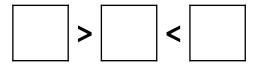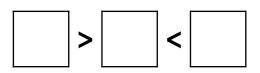
145%   185%   165%

6 VF

12a. Insert the values in to the boxes to make this statement correct.

☐ > ☐ < ☐

1.25 $\frac{9}{4}$ 142%

6 VF

12b. Insert the values in to the boxes to make this statement correct.

☐ > ☐ < ☐

134% $1\frac{3}{4}$ 1.65

6 VF

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Developing

1a. **Week 4**

2a. **A) True B) False; >**

3a. **30%**

4a. $\frac{2}{5}$ **< 45% < 0.5**

Developing

1b. **Week 4**

2b. **A) True B) False; >**

3b. **35%**

4b. $\frac{2}{3}$ **> 0.7 > 0.55**

Expected

5a. **Week 3**

6a. **A) True B) False; >**

7a. **23%**

8a. **0.6 >** $\frac{3}{8}$ **> 20%**

Expected

5b. **Week 2**

6b. **A) False; < B) False; >**

7b. **20%**

8b. **11% <** $\frac{2}{6}$ **< 0.38**

Greater Depth

9a. **Week 2**

10a. **A) False; < B) True**

11a. **199%**

12a. **142% > 1.25 <** $\frac{9}{4}$

Or; $\frac{9}{4}$ **> 1.25 < 142%**

Greater Depth

9b. **Week 2**

10b. **A) True B) False; >**

11b. **165%**

12b. **1.65 > 134% < 1** $\frac{3}{4}$

Or; **1** $\frac{3}{4}$ **> 134% < 1.65**

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Varied Fluency – Order FDP **ANSWERS**