Fractions to Percentages

Fractions to Percentages

5a. Match equivalent fractions to the correct percentages.

| $\dfrac{3}{5}$ | $\dfrac{5}{100}$ | 20% |

| $\dfrac{26}{50}$ | $\dfrac{60}{100}$ | 52% |

| $\dfrac{1}{20}$ | $\dfrac{20}{100}$ | 5% |

| $\dfrac{5}{25}$ | $\dfrac{52}{100}$ | 60% |

VF

5b. Match equivalent fractions to the correct percentages.

| $\dfrac{6}{25}$ | $\dfrac{18}{100}$ | 50% |

| $\dfrac{5}{20}$ | $\dfrac{24}{100}$ | 18% |

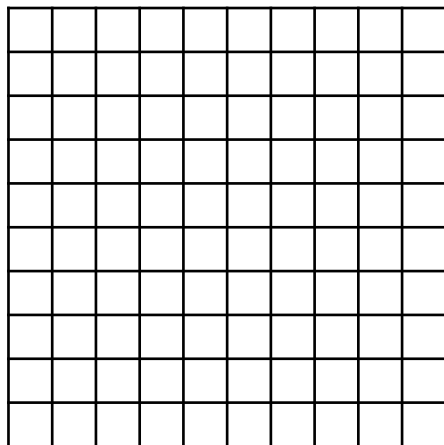| $\dfrac{9}{50}$ | $\dfrac{50}{100}$ | 25% |

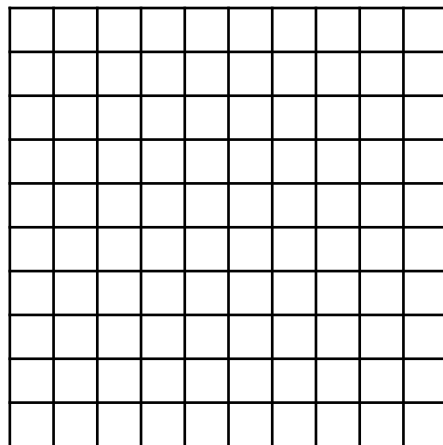| $\dfrac{2}{4}$ | $\dfrac{25}{100}$ | 24% |

VF

6a. Shade the squares to show $\dfrac{6}{20}$ and write as a percentage.

VF

6b. Shade the squares to show $\dfrac{9}{25}$ and write as a percentage.

VF

7a. Competitors in a gym competition need more than 75% to get to the final. What percentage did each child score?

Ava-Lily	$\dfrac{38}{50}$
Tyrese	$\dfrac{8}{20}$
Rochelle	$\dfrac{18}{25}$

Who gets to the final?

VF

7b. Competitors in a dance competition need more than 70% to get to the final. What percentage did each child score?

Skyla	$\dfrac{29}{50}$
Kira	$\dfrac{15}{20}$
Dawson	$\dfrac{7}{25}$

Who gets to the final?

VF

8a. True or false?

$\dfrac{7}{25}$ is equivalent to 28%.

VF

8b. True or false?

$\dfrac{14}{20}$ is equivalent to 75%.

VF

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Varied Fluency – Fractions to Percentages – Year 6 Expected

Fractions to Percentages

Fractions to Percentages

9a. Match the fractions to the correct percentages.

$\frac{36}{45}$		75%
$\frac{66}{75}$		80%
$\frac{21}{28}$		15%
$\frac{12}{80}$		88%

⭐ GD

VF

9b. Match the fractions to the correct percentages.

$\frac{48}{75}$		25%
$\frac{15}{60}$		65%
$\frac{26}{65}$		40%
$\frac{39}{60}$		64%

⭐ GD

VF

10a. Shane asked 60 children to choose their favourite flavour of ice cream.
Here are his results.

Flavour	Number of children
Chocolate	26
Vanilla	15
Strawberry	19
Total	60

What percentage of the children chose vanilla?

⭐ GD

VF

10b. Lin asked 80 children to choose their favourite type of biscuit.
Here are her results.

Type	Number of children
Bourbon	32
Digestive	27
HobNob	21
Total	80

What percentage of the children chose bourbons?

⭐ GD

VF

11a. Competitors in a art competition need more than 60% to get to the final.
What percentage did each child score?

Amie	$\frac{19}{76}$
Robert	$\frac{24}{32}$
David	$\frac{28}{70}$

⭐ GD

Who gets to the final?

VF

11b. Competitors in a maths competition need more than 80% to get to the final.
What percentage did each child score?

Will	$\frac{49}{70}$
Ruby	$\frac{69}{75}$
Betty	$\frac{56}{80}$

⭐ GD

Who gets to the final?

VF

12a. True or false?

$\frac{14}{70}$ is equivalent to 25%.

⭐ GD

VF

12b. True or false?

$\frac{16}{40}$ is equivalent to 40%.

⭐ GD

VF