

# Fractions to Percentages

1. Match the equivalent fractions to the correct percentages.

$\frac{8}{20}$	$\frac{48}{100}$	48%
$\frac{4}{5}$	$\frac{76}{100}$	40%
$\frac{12}{25}$	$\frac{80}{100}$	76%
$\frac{38}{50}$	$\frac{40}{100}$	80%

VF

4. Sammi has converted a fraction into a percentage.

He says,



My numerator is a square number. My denominator is 20 or 50. My percentage is < 50%.

What could his fraction and percentage combinations be?  
Find two examples for each denominator.

PS

2. Competitors in a music competition need more than 65% to get to the next round.

Jack	$\frac{32}{50}$
Jessie	$\frac{12}{20}$
Jamal	$\frac{17}{25}$

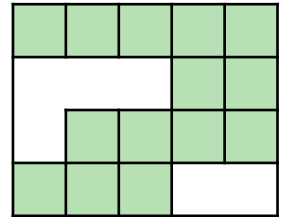
What percentage did each child score?

Who is in the next round?

VF

5. Kai says,

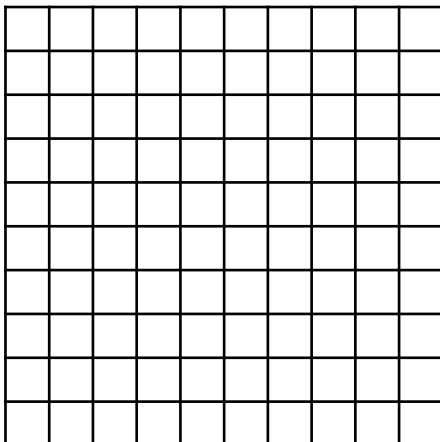
I think that 75% of the rectangle is shaded because  $\frac{14}{20}$  converted to a percentage is 75%.



Explain her mistake.

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3. Shade the squares to show  $\frac{3}{4}$  and write as a percentage.



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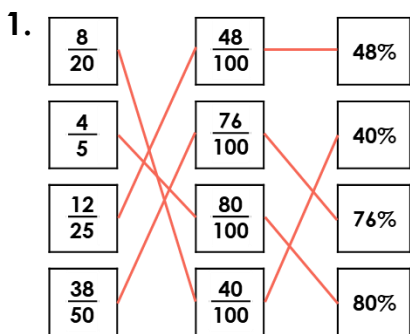
6. Use the digit cards to complete the statement below. Each card can only be used once.

$$\begin{array}{|c|} \hline \square \\ \hline \square \\ \hline \end{array} < \square \% < \begin{array}{|c|} \hline \square \\ \hline \square \\ \hline \end{array}$$

25	65	17	20	15
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PS

## Fractions to Percentages



2. Jack: 64%; Jessie: 60%; Jamal: 68%; Jamal reaches the next round.

3. Any 75 squares shaded = 75%

4. Various answers, for example:  $\frac{4}{20}$  or 20%,  $\frac{9}{20}$  or 45%;  $\frac{9}{50}$  or 18%,  $\frac{16}{50}$  or 32%

5. Kai has correctly found the fraction of the rectangle shaded, but converted this to a percentage incorrectly.  $\frac{14}{20}$  as a percentage is 70%. 75% is equal to  $\frac{15}{20}$ .

6.  $\frac{15}{25} < 65% < \frac{17}{20}$