

# Percentages as Fractions and Decimals

1. Match the fractions to the equivalent decimal and percentage.

A.  $\frac{36}{300}$

0.65

42%

B.  $\frac{65}{100}$

0.42

65%

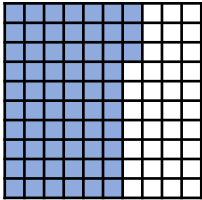
C.  $\frac{84}{200}$

0.12

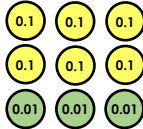
12%

2. Circle the odd one out.

63%



$\frac{63}{300}$



0.63

3. True or false?

75% is equivalent to 7.5

4. Complete the boxes with the missing equivalent decimal or percentage.

A.  $\frac{64}{200} = \square = 32\%$

B.  $\frac{24}{100} = 0.24 = \square$

C.  $\frac{36}{100} = 0.36 = \square$

5. There are 100 pencils in a box.

Class 5 takes  $\frac{4}{10}$  of the pencils. Class 4 takes 25% of the pencils.



How many does each class have?

How many pencils are left in the box?

What percentage is this?

6. Convert the fractions and decimals below into percentages.

0.7      $\frac{72}{100}$       $\frac{148}{200}$       $\frac{75}{300}$      0.75

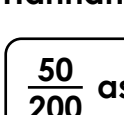
Write the percentages in descending order.

7. Hannah and Sean are converting fractions and decimals into percentages.



Hannah

0.5 as a percentage is 50%.



Sean

$\frac{50}{200}$  as a percentage is 50%.

Who is correct?

Explain how you know.