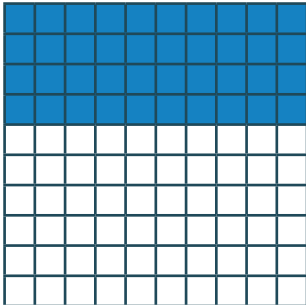


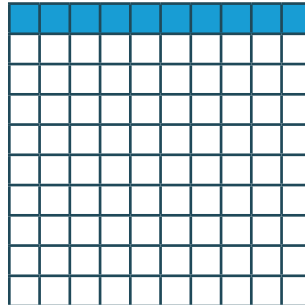
# Fractions, Decimals & Percentages

Year 6 / P7

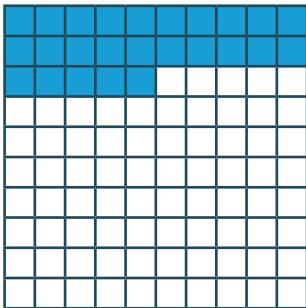
## Activity 1



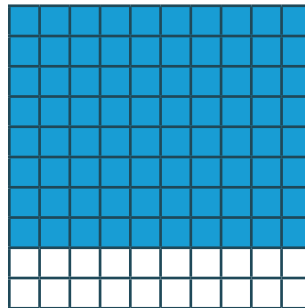
Fraction:  
 $\frac{2}{5}$   
Decimal:  
**0.4**  
Percentage:  
**40%**



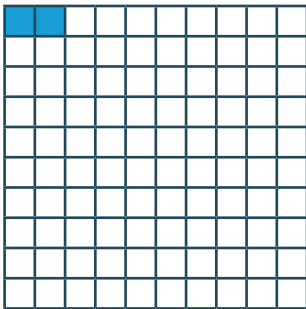
Fraction:  
  
Decimal:  
  
Percentage:



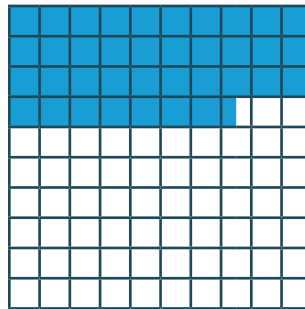
Fraction:  
  
Decimal:  
  
Percentage:



Fraction:  
  
Decimal:  
  
Percentage:



Fraction:  
  
Decimal:  
  
Percentage:



Fraction:  
  
Decimal:  
  
Percentage:

## Activity 2

Write each expression in one other way.

1.  $\frac{3}{6}$

2. 27%

3. 0.85

4.  $\frac{1}{8}$

5. 140%

6. 0.55

7.  $\frac{7}{4}$

# Fractions, Decimals & Percentages

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## Activity 3

Fill in the gaps by converting between mixed numbers and improper fractions.

Example:

$$5\frac{1}{2} = 2\frac{1}{2}$$

1.

$$\frac{7}{3} = \frac{\quad}{3}$$

2.

$$1\frac{4}{5} = \frac{\quad}{5}$$

3.

$$\frac{9}{2} = \frac{\quad}{2}$$

4.

$$5\frac{6}{7} = \frac{\quad}{7}$$

5.

$$\frac{25}{6} = \frac{\quad}{6}$$

6.

$$4\frac{1}{8} = \frac{\quad}{8}$$

7.

$$\frac{33}{9} = \frac{\quad}{9}$$

## Activity 4

- A cinema is  $\frac{7}{10}$  full for the screening of a film. If the capacity of the cinema is 240, how many people are watching the film?  
 A. 176     B. 144     C. 168     D. 192     E. 162
- My water bottle holds 750ml. Over the course of a bike ride I drink 60% of this amount. How much is left at the end of my bike ride?  
 A. 350ml     B. 200ml     C. 250ml     D. 400ml     E. 300ml
- Freddie's savings account pays 0.02 interest every year. If he invests £450, how much will he have at the end of that year?  
 A. £459     B. £360     C. £468     D. £540     E. £441
- Simran has collected  $\frac{2}{7}$  of all possible trading cards. If she has 28 cards now, how many are there in total to collect?  
 A. 108     B. 98     C. 84     D. 76     E. 92
- A games console is on sale at 20% off. If the sale price is £260, what was the full price of the console before the sale?  
 A. £340     B. £300     C. £300     D. £325     E. £288