# Week 8, Day 2

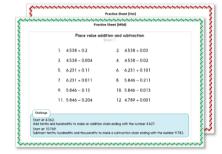
**Equivalence between percentages and fractions.** 

Each day covers one maths topic. It should take you about 1 hour or just a little more.

 Start by reading through the Learning Reminders. They come from our *PowerPoint* slides.

- Tackle the questions on the Practice Sheet. There might be a choice of either Mild (easier) or Hot (harder)! Check the answers.
- 3. Finding it tricky? That's OK... have a go with a grown-up at A Bit Stuck?

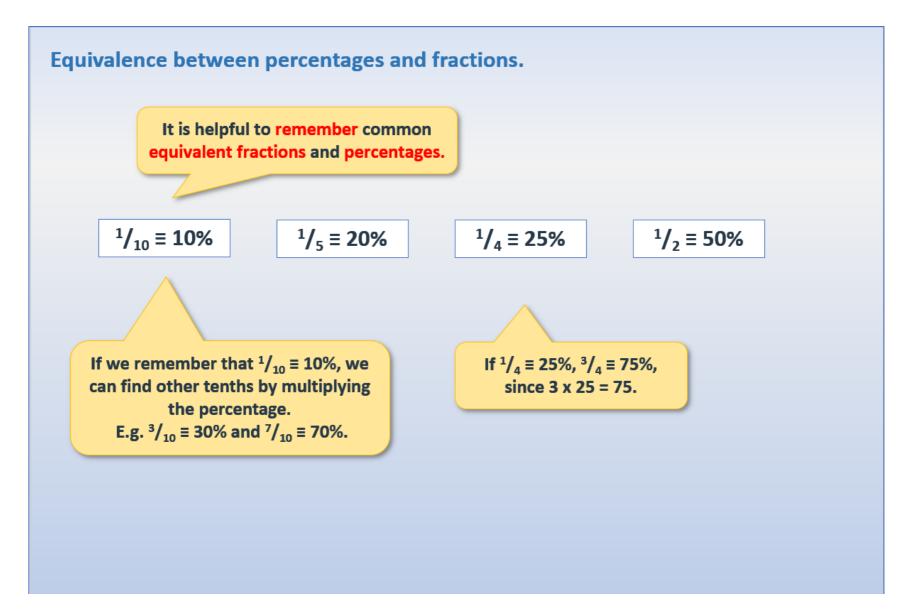
4. Think you've cracked it? Whizzed through the Practice Sheets? Have a go at the **Investigation**...

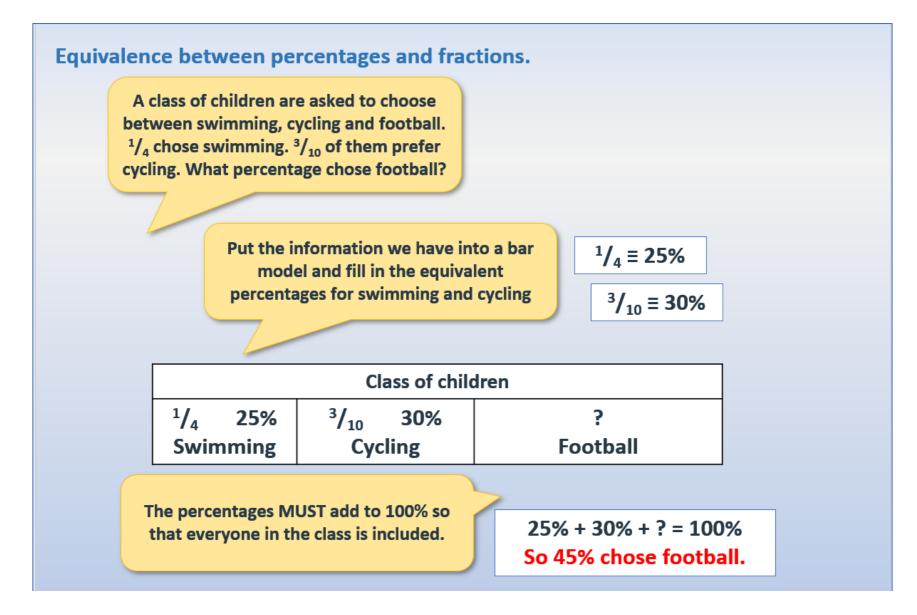






## **Learning Reminders**





## Practice Sheet Mild Equivalent percentages

Complete the missing percentages.

Children were asked to vote for cycling, swimming or football as their favourite weekend activity

Fraction	Percentage
$rac{1}{2}$ children prefer swimming	
$rac{1}{4}$ prefer cycling	
The rest prefer football	

Children were asked to vote for dogs, cats		
or rabbits as their ideal pet		

Fraction	Percentage
$\frac{1}{2}$ prefer dogs	
<u>3</u> prefer cats 10	
The rest prefer rabbits	

Children were asked to vote for oranges, bananas or apples as their favourite fruit

Fraction	Percentage
$rac{4}{10}$ prefer bananas	
$\frac{3}{10}$ prefer apples	
The rest prefer oranges	

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<b>Practice Sheet Hot</b>
Equivalent percentages

Complete the missing percentages.

Children were asked to vote for dogs, cats or rabbits as their ideal pet

Fraction	Percentage
$\frac{1}{2}$ prefer dogs	
$\frac{1}{5}$ prefer cats	
The rest prefer rabbits	

### Challenge

In another pet survey, fish were voted for by  $\frac{1}{20}$  of children, while snakes got  $\frac{1}{25}$  of the vote! What percentages are these fractions?

Fraction	Percentage
$\frac{1}{2}$ of children prefer swimming	
$rac{3}{10}$ of children prefer cycling	
The rest prefer football	

Children were asked to vote for cycling, swimming

or football as their favourite weekend activity

Children were asked to vote for oranges, bananas or apples as their favourite fruit

Fraction	Percentage
$\frac{2}{5}$ of children prefer bananas	
$\frac{3}{10}$ of children prefer apples	
The rest prefer oranges	

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