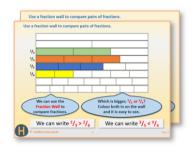
Week 8, Day 1

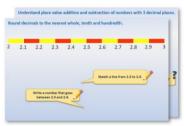
Introduction to percentages

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

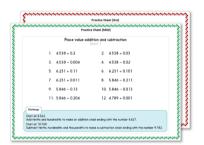
1. If possible, watch the **PowerPoint presentation** with a teacher or another grown-up.



OR start by carefully reading through the **Learning Reminders**.



Tackle the questions on the Practice Sheet.
 There might be a choice of either Mild (easier) or Hot (harder)!
 Check the answers.

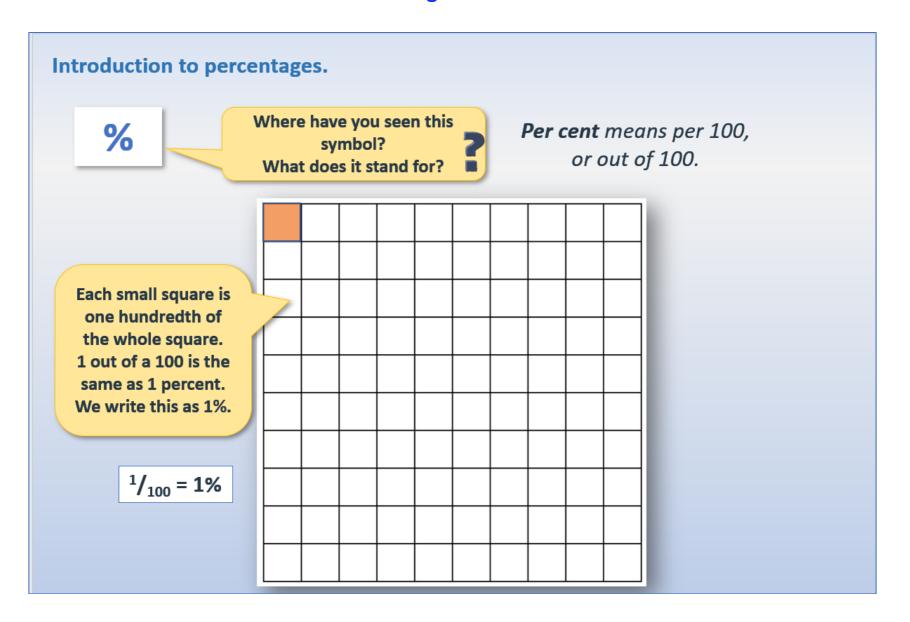


3. Finding it tricky? That's OK... have a go with a grown-up at A Bit Stuck?



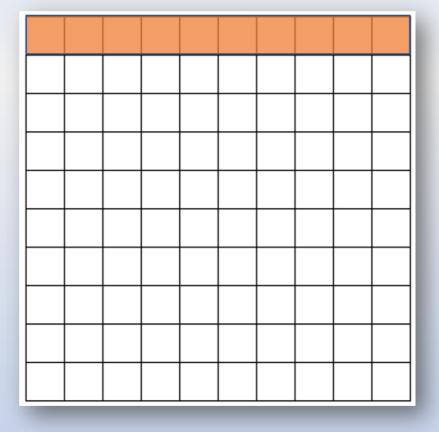
4. Think you've cracked it? Whizzed through the Practice Sheets? Have a go at the **Investigation**...

Learning Reminders



Learning Reminders

Introduction to percentages.



10 small squares are shaded this time. That is equivalent to 10% of the whole square.

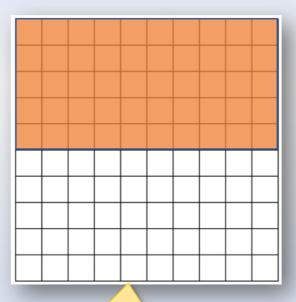
The symbol '≡' means 'equivalent to'.

$$^{10}/_{100} \equiv ^{1}/_{10} \equiv 10\% \equiv 0.1$$

That's a lot of different ways to write the same amount!

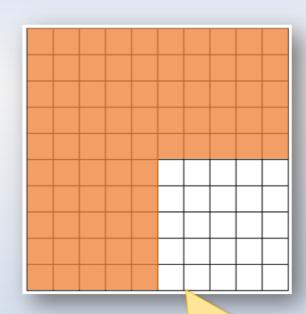
Learning Reminders

Introduction to percentages.



50 small squares are shaded. That is equivalent to 50% of the whole square.

$$50\% \equiv {}^{50}/_{100} \equiv {}^{5}/_{10} \equiv {}^{1}/_{2} \equiv 0.5$$



75 small squares are shaded. That is equivalent to 75% of the whole square.

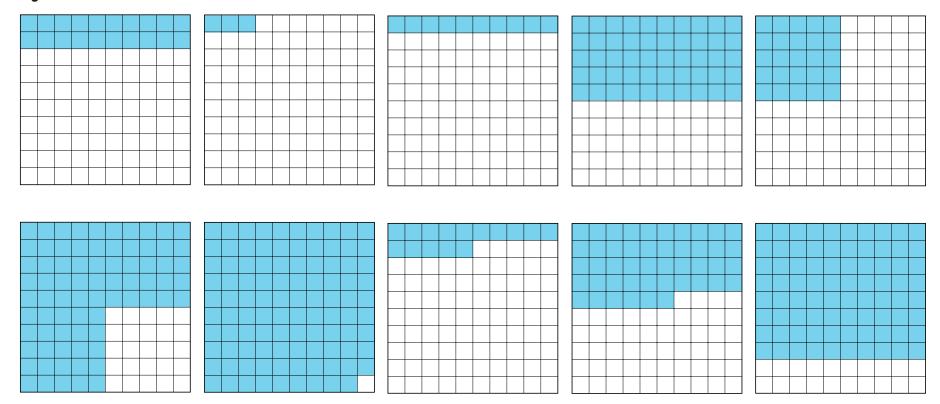
$$75\% \equiv {}^{75}/{}_{100} \equiv {}^{3}/{}_{4} \equiv 0.75$$

Practice Sheet Mild

Percentages

Write the percentage of each square that is shaded.

e.g. **20%**



Practice Sheet Hot

Percentages

Write the percentage of each square that is shaded, and an equivalent fraction and decimal,

e.g.
$$20\% = 0.2 = \frac{1}{5}$$

