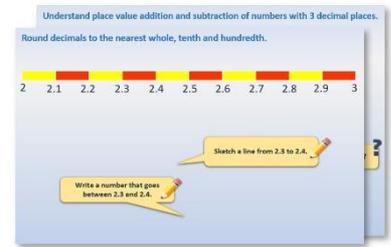


Week 10, Day 4

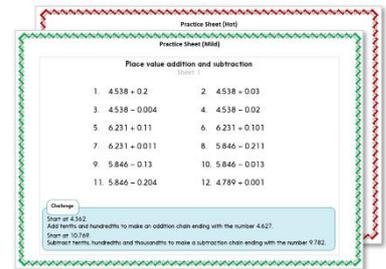
Find a difference (1)

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

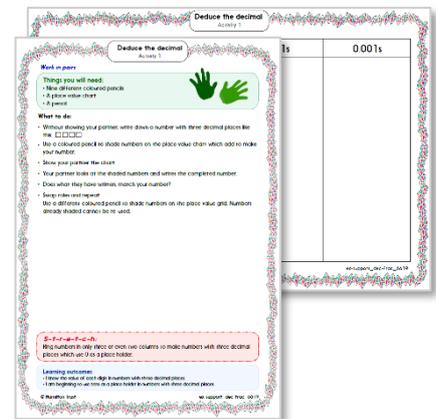
1. Start by reading through the **Learning Reminders**. They come from our *PowerPoint* slides.



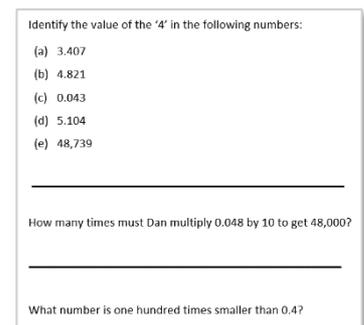
2. Tackle the questions on the **Practice Sheet**. There might be a choice of either **Mild** (easier) or **Hot** (harder)! Check the answers.



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

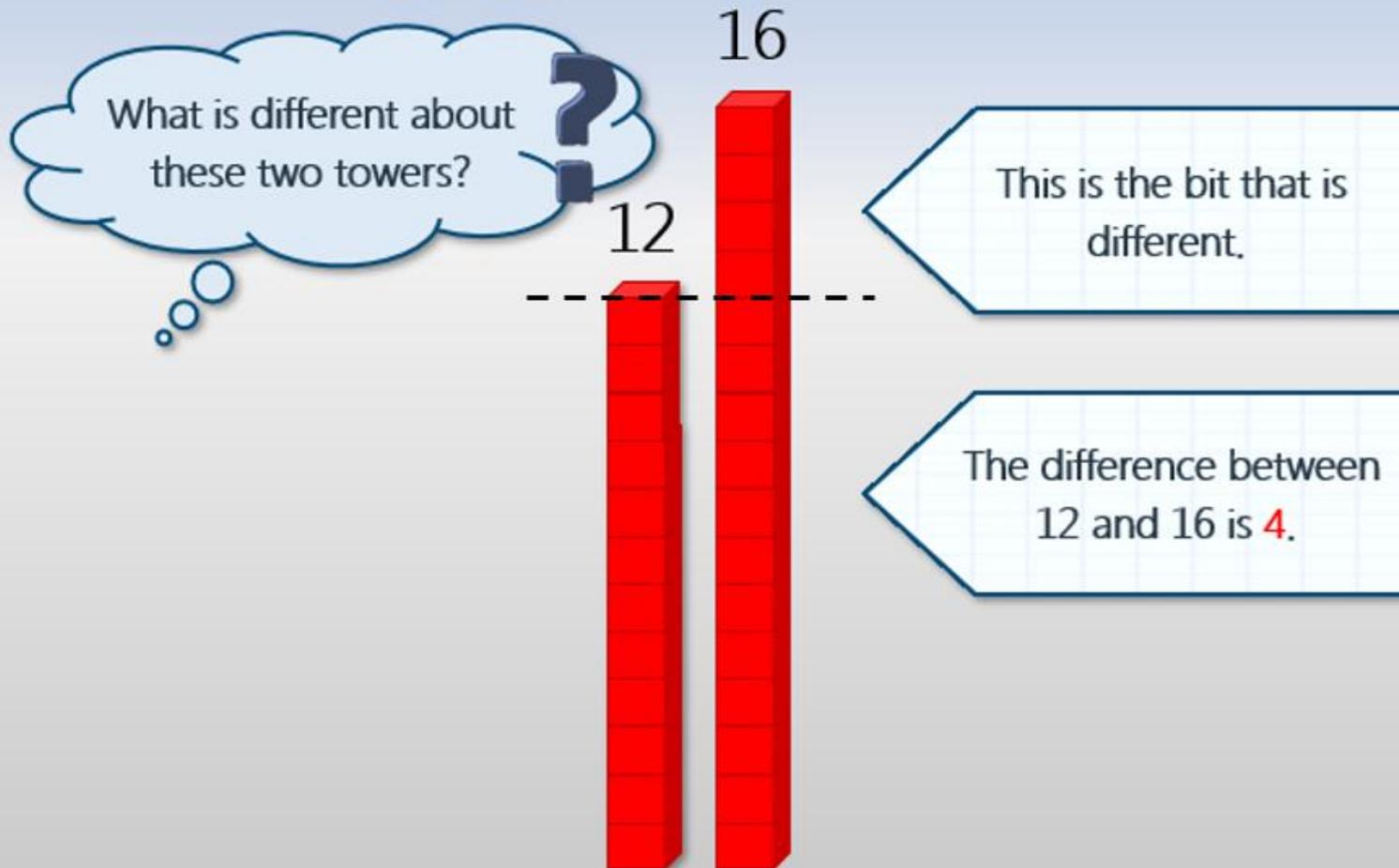


4. Have I mastered the topic? A few questions to **Check your understanding**. Fold the page to hide the answers!

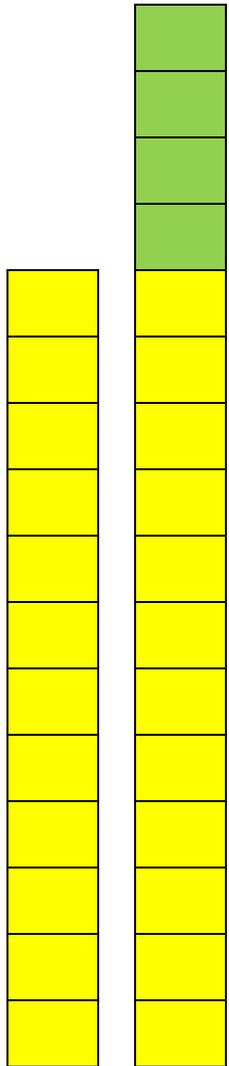


Learning Reminders

Find a difference in heights using cubes.



Learning Reminders



Find a difference in heights using cubes.



Both towers
have 12 cubes.

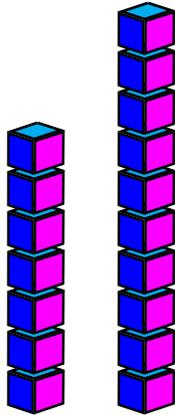
We made 4 jumps up
the number line, so the
difference between 12
cubes and 16 cubes is
4 cubes!

The taller
tower has 16
cubes.

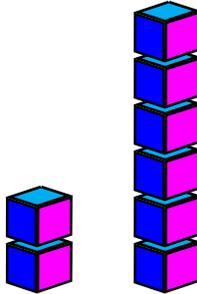
Practice Sheet Mild

Find the difference between each pair of towers

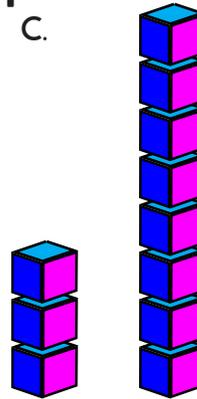
A.



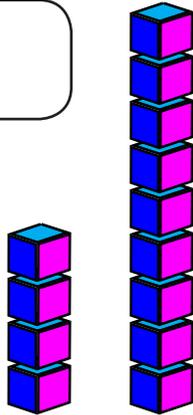
B.



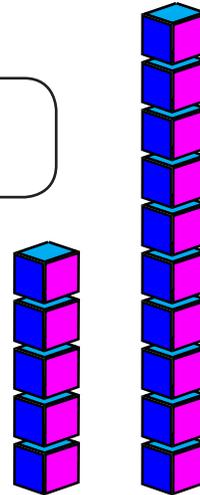
C.



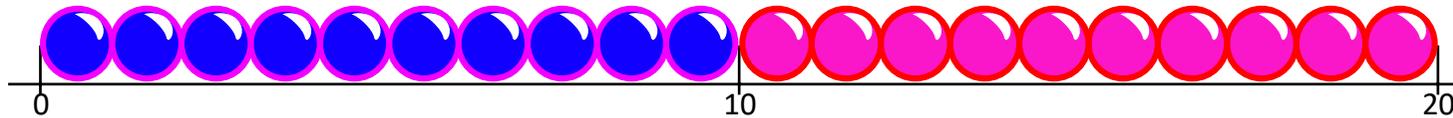
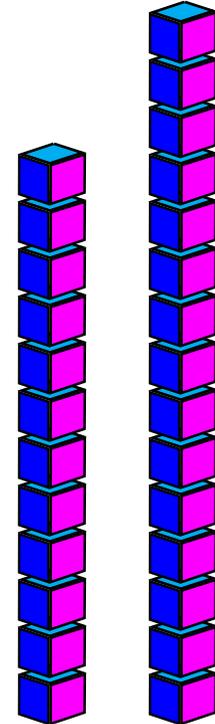
D.



E.



F.



Challenge

Draw a pair of towers on some squared paper that has a difference of 6.

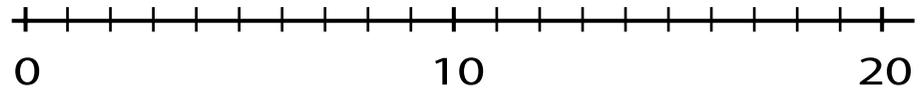
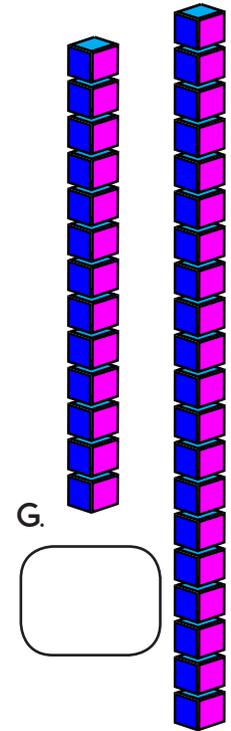
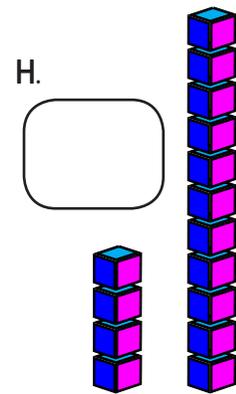
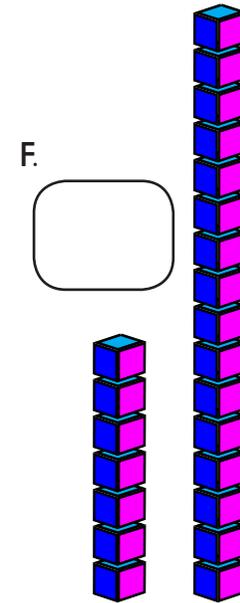
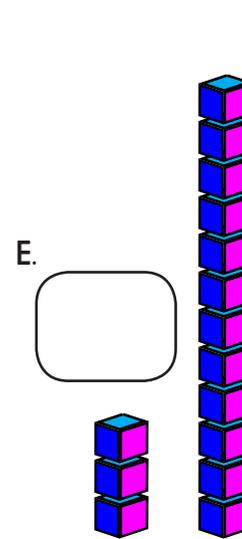
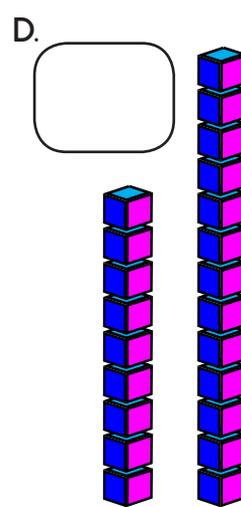
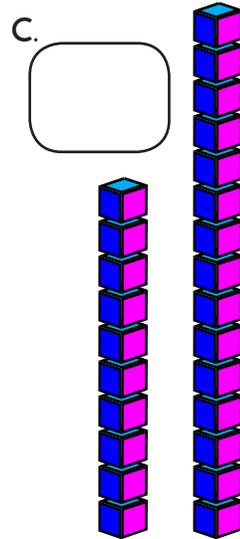
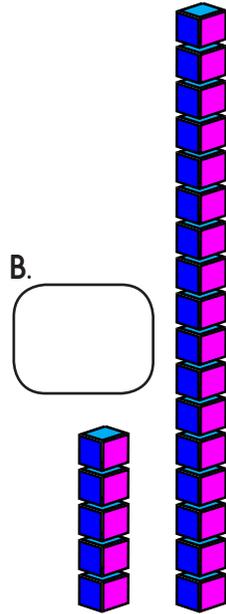
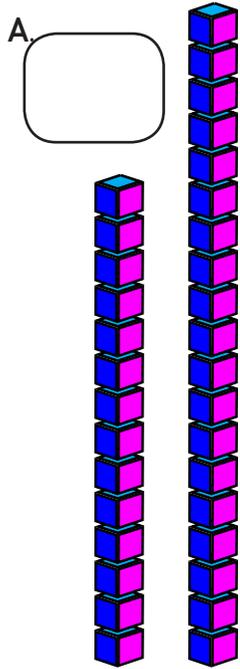
Practice Sheet Mild

Squared paper



Practice Sheet Hot

Find the difference between each pair of towers

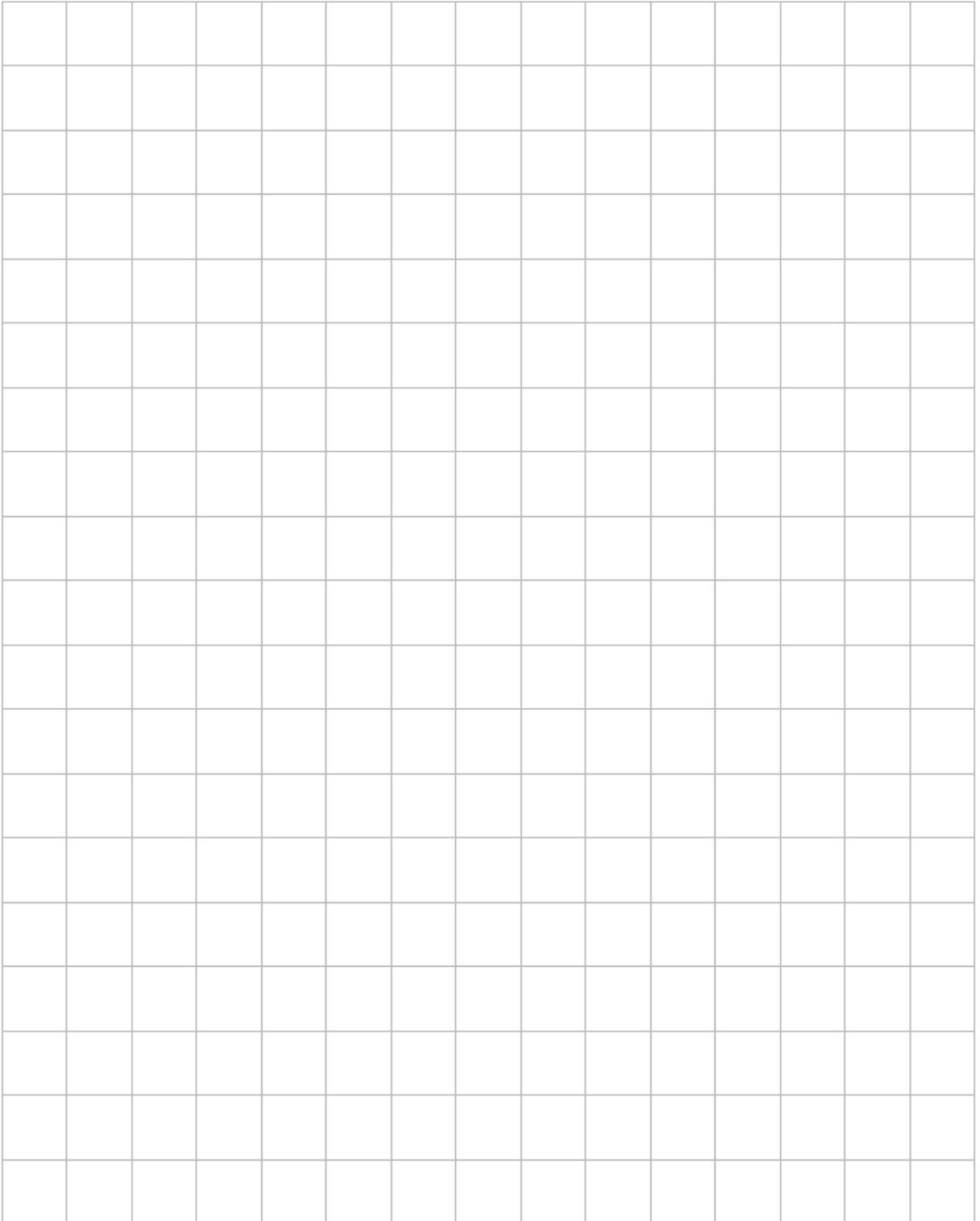


Challenge

Draw a pair of towers, using exactly 20 cubes, that has a difference of 5.

Practice Sheet Hot

Squared paper



Practice Sheet Answers

Find the difference between each pair of towers (mild)

- A. 3
- B. 4
- C. 5
- D. 5
- E. 5
- F. 3

Challenge

Children should draw pairs of towers that have a difference of 6, e.g. 4 and 10 cubes, 2 and 8 cubes, etc.

Find the difference between each pair of towers (hot)

- A. 5
- B. 12
- C. 5
- D. 4
- E. 9
- F. 9
- G. 7
- H. 7

Challenge

Using exactly 20 cubes children should draw towers of 15 and 5 cubes

A Bit Stuck? Snake families

Work in pairs

Things you will need:

- Snake
- Lego bricks
- A pencil



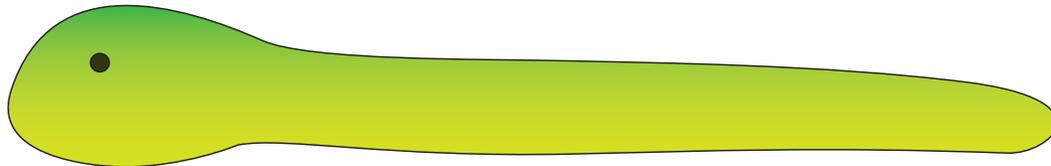
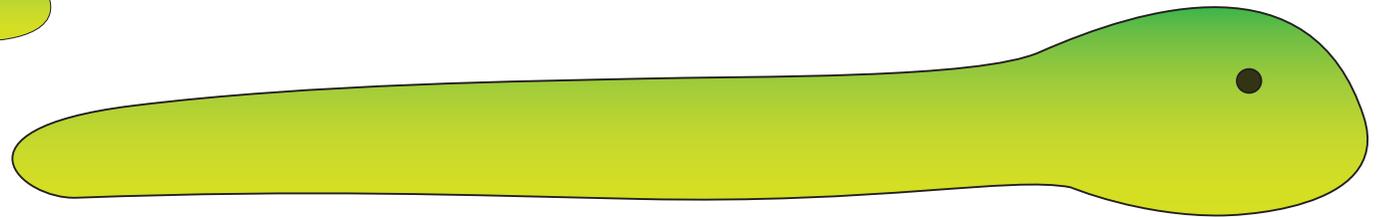
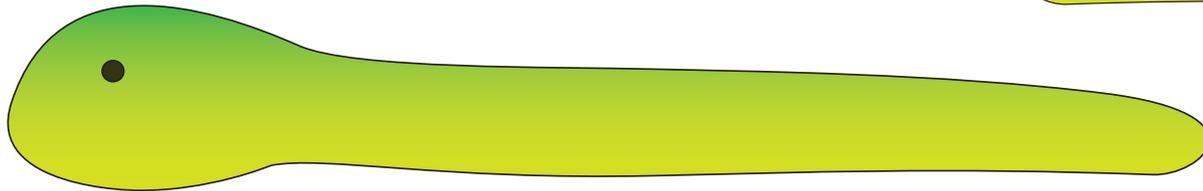
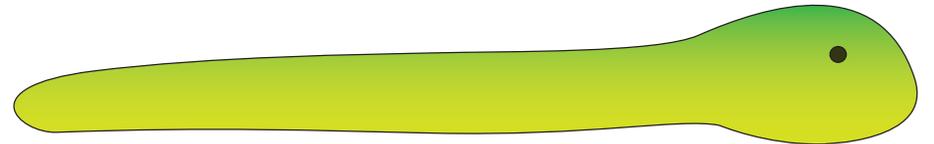
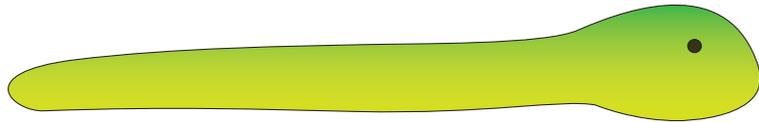
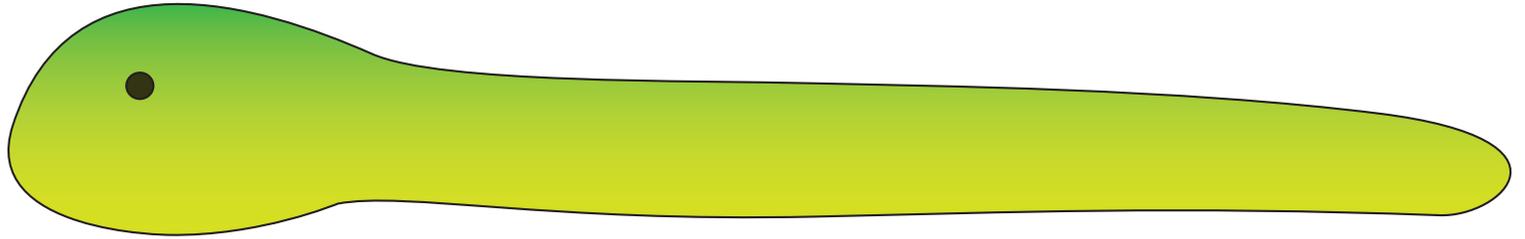
What to do:

- Use Lego bricks to measure the lengths of all the snakes.
Write the numbers of cubes on each snake.
- Choose three snakes to make a family.
Put them in order of length.
Write the three numbers in order, smallest first.
- Repeat with a new family of three snakes.

Learning outcomes:

- I can use cubes to measure lengths.
- I can order three numbers up to 10.

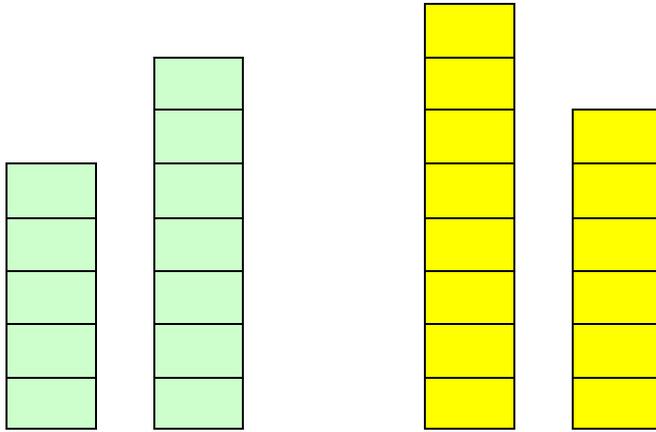
A Bit Stuck?
Snake families



Check your understanding

Questions

Write the difference between the taller and shorter tower in each pair:



Make/ draw a pair of towers with a difference of 3 blocks.

Make/ draw 3 towers.

The shortest is 6 bricks less than the tallest.

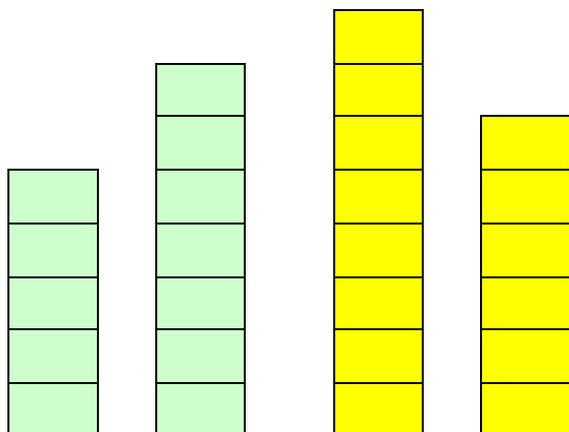
The tallest is 4 bricks taller than one of the towers.

The answers are on the next page

Check your understanding

Answers

Write the difference between the taller and shorter tower in each pair.



In each case the difference is 2. Do children simply count the extra bricks in the taller tower?

Make a pair of towers with a difference of 3 blocks. E.g. towers of 6 and 3 cubes or 7 and 4.

Make 3 towers.

The shortest is 6 bricks less than the tallest.

The tallest is 4 bricks taller than one of the towers.

e.g. 3, 5 and 9 bricks tall or 4, 6 and 10.