## Week 10, Day 3

Halves (2)
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. Think you've cracked it? Whizzed through the Practice Sheets? Have a go at the Investigation...

## Learning Reminders



Learning Reminders


## Learning Reminders



## Practice Sheet Mild Halving

Halve the following numbers:

1. 4
Half of 4 is 2 .
2. 

8
Half of $\square$ is $\square$.
3. 6
4. 10
5. 12
6. 18
7. 16
8. 20

## Challenge

Write doubles to go with two of your answers.
Half of $\qquad$ is $\square$ Double $\qquad$ $\square$.

## Practice Sheet Hot Halving

Halve the following numbers:

1. 12
Half of 12 is 6
2. 18
3. 16
4. 20
5. 14
6. 22
7. 26
8. 30

## Challenge

Write doubles to go with two of your answers.
Half of $\square$ is $\square$. Double $\square$ is $\square$.

## Practice Sheet Answers

## Halving (mild)

1. 4 Half of 4 is 2
2. 8 Half of 8 is 4
3. 6 Half of 6 is 3
4. 10 Half of 10 is 5
5. 12 Half of 12 is 6
6. 18 Half of 18 is 9
7. 16 Half of 16 is 8
8. 20 Half of 20 is 10

## Challenge

Any 2 of the following:
Double 4 is 8
Double 8 is 16
Double 6 is 12
Double 10 is 20
Double 12 is 24
Double 18 is 36
Double 16 is 32
Double 20 is 40

## Halving (hot)

1. 12 Half of 12 is 6
2. 18 Half of 18 is 9
3. 16 Half of 16 is 8
4. 20 Half of 20 is 10
5. 14 Half of 14 is 7
6. 22 Half of 22 is 11
7. 26 Half of 26 is 13
8. 30 Half of 30 is 15

## Challenge

Any 2 of the following:
Double 12 is 24
Double 18 is 36
Double 16 is 32
Double 20 is 40
Double 14 is 28
Double 22 is 44
Double 26 is 52
Double 30 is 60

## A Bit Stuck? Squabbling squirrels

## Work in pairs

Things you will need:

- Number cards (2, 4, 6, 8, 10 and 12)
- Picture of two squirrels
- 12 acorns (or cubes)

- A pencil


## What to do:

Two squirrels have dug up some acorns. They need to have half each or they will squabble!

- Shuffle the number cards.
- Take a card. Take that number of acorns.
- Give half to each squirrel.
- Write how many acorns they get each.
- Repeat for as many cards as you can.



## S-t-r-e-t-c-h:

Say some doubles to go with your halves, e.g. half of 4 is 2 , so double 2 is 4 .

## Learning outcomes:

- I can find half of even numbers up to 12.
- I am beginning to relate doubling and halving.



