



**Crossflatts**  
PRIMARY SCHOOL

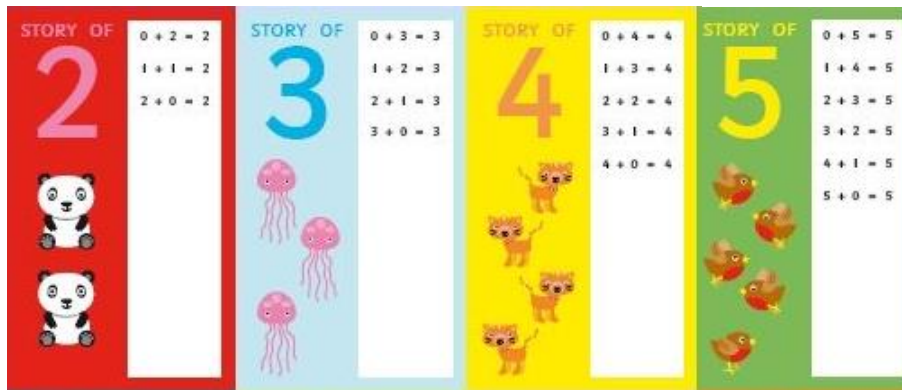
# Learn by Heart Facts

## Year 1

## Autumn 1

### I know number bonds for each number to 5.

By the end of this half term, you should know the following facts. The aim is for them to recall these facts instantly.



You should be able to answer these questions in any order, including missing number questions e.g.  $3 + \bigcirc = 5$  or  $4 - \bigcirc = 2$ .

#### Key Vocabulary

Add

Plus

More than

#### Top Tips

- The secret to success is practising little and often. Can you practise these facts while walking to school or during a car journey? You don't need to practise them all at once; perhaps you could have a fact of the day.
- Use practical resources. You have one potato on your plate and get three more. How many do you have now?



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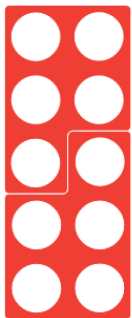
# Learn by Heart Facts

## Year 1

## Autumn 2

### I know number bonds to 10.

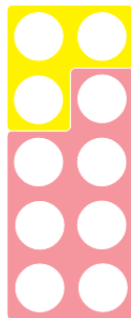
By the end of this half term, you should know the following facts. The aim is for you to recall these facts instantly.



$$5 + 5$$



$$6 + 4$$



$$7 + 3$$



$$8 + 2$$



$$9 + 1$$

#### Key Questions

$$3 + ? = 10$$

$$? + 7 = 10$$

$$3 + 7 = ?$$

$$10 - 3 = 7$$

#### Example Fact Family

- $2 + 8 = 10$
- $8 + 2 = 10$
- $10 - 8 = 2$

You should be able to answer these questions in any order, including missing number questions.

E.g.  $6 + ? = 10$  OR  $10 - ? = 3$

#### Top Tips

- The secret to success is practising little and often. Can you practise these facts while walking to school or during a car journey? You don't need to practise them all at once; perhaps you could have a fact of the day.
- Visit the websites <https://www.topmarks.co.uk/Search.aspx?q=number+bonds+to+10> and [https://www.mathplayground.com/number\\_bonds\\_10.html](https://www.mathplayground.com/number_bonds_10.html) or search for other online games.
- Use practical resources; make collections of 10 objects. Ask questions such as, "How many more pine cones would I need to make 10?"
- Make matching cards or your own games for your friends and family to play.



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# Learn by Heart Facts

## Year 1

## Spring 1

### I know doubles and halves of numbers to 10.

By the end of this half term, you should know the following facts. The aim is for you to recall these facts instantly.

0+0 <b>0</b>	1+1 <b>2</b>	2+2 <b>4</b>	3+3 <b>6</b>
4+4 <b>8</b>	5+5 <b>10</b>	6+6 <b>12</b>	7+7 <b>14</b>
8+8 <b>16</b>	9+9 <b>18</b>	10+10 <b>20</b>	

$$\frac{1}{2} \text{ of } 2 = 1$$

$$\frac{1}{2} \text{ of } 4 = 2$$

$$\frac{1}{2} \text{ of } 6 = 3$$

$$\frac{1}{2} \text{ of } 8 = 4$$

$$\frac{1}{2} \text{ of } 10 = 5$$

#### Key Questions

What is half of 20?

What is double 6?

What is 7 + 7?

$$9 + ? = 18$$

#### Top Tips

- The secret to success is practising little and often. Can you practise these facts while walking to school or during a car journey? You don't need to practise them all at once; perhaps you could have a fact of the day.
- Ping Pong game. In this game, your parent says, "Ping," and you reply, "Pong." Then your parent says a number and you double it. For a harder version, the adult can say, "Pong." The child replies, "Ping," and then halves the next number given.
- Create your own games (e.g. lift the flap, snakes and ladders where you have double and half squares, matching cards).
- Play online games <http://www.snappymaths.com/multdiv/doubhalf12/doubhalf12.htm> and <https://www.topmarks.co.uk/Flash.aspx?f=dartboarddoublesandhalves>.



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# Learn by Heart Facts

## Year 1

### Spring 2

#### I can tell the time

By the end of this half term, you should know the following facts. The aim is for you to recall these facts instantly.

You need to be able to tell the time using a clock with hands, including:

- I can tell the time to the nearest hour.
- I can tell the time to the nearest half hour.



#### Key Vocabulary

O'clock

Half past

60 minutes/ 30 minutes

Clock/ watch

Hands (big and little)

#### Top Tips

- The secret to success is practising little and often. Can you practise these facts while walking to school or during a car journey? You don't need to practise them all at once; perhaps you could have a fact of the day.
- **TALK TALK TALK!** Discuss what time things happen. When do you wake up? What time do you eat breakfast? How long until...?
- Make sure that you have an analogue clock visible in your house or that you wear a watch with hands.
- Play "What's the time Mr Wolf?".
- Have some responsibility for watching the clock. E.g. You could be in charge of telling your family when it is 3 o'clock and time to set off.
- Read books and play games about time.
- Play online games <https://mathsframe.co.uk/en/resources/resource/116/telling-the-time> Top Tips and <https://www.splashmath.com/time-games>



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# Learn by Heart Facts

## Year 1

## Summer 1

### I know number bonds for 7, 8, 9 and 10.

By the end of this half term, you should know the following facts. The aim is for you to recall these facts instantly.

STORY OF 7

$0 + 7 = 7$
$1 + 6 = 7$
$2 + 5 = 7$
$3 + 4 = 7$
$4 + 3 = 7$
$5 + 2 = 7$
$6 + 1 = 7$
$7 + 0 = 7$

STORY OF 8

$0 + 8 = 8$
$1 + 7 = 8$
$2 + 6 = 8$
$3 + 5 = 8$
$4 + 4 = 8$
$5 + 3 = 8$
$6 + 2 = 8$
$7 + 1 = 8$
$8 + 0 = 8$

STORY OF 9

$0 + 9 = 9$
$1 + 8 = 9$
$2 + 7 = 9$
$3 + 6 = 9$
$4 + 5 = 9$
$5 + 4 = 9$
$6 + 3 = 9$
$7 + 2 = 9$
$8 + 1 = 9$
$9 + 0 = 9$

STORY OF 10

$0 + 10 = 10$
$1 + 9 = 10$
$2 + 8 = 10$
$3 + 7 = 10$
$4 + 6 = 10$
$5 + 5 = 10$
$6 + 4 = 10$
$7 + 3 = 10$
$8 + 2 = 10$
$9 + 1 = 10$
$10 + 0 = 10$

#### Key Questions

What is 4 plus 3?

$$3 + ? = 7$$

$$7 - ? = 3$$

$$7 - 3 = 4$$

#### Top Tips

- The secret to success is practising little and often.
- Can you practise these while walking to school or during a car journey? You don't need to practise them all at once; perhaps you could have a fact of the day.
- The secret to success is practising little and often. Can you practise these while walking to school or during a car journey? You don't need to practise them all at once; perhaps you could have a fact of the day.
- Use some counters (Lego bricks, pasta shapes, buttons, sweets) and get your family to ask questions such as: What do you add to 3 to make 8? What do you add to 2 to make 9? Use the counters to work it out.
- Get your parents to write a list of ten numbers then time you to see how long it takes to write down the other number that makes up each pair (2 and 8; 5 and 5; 4 and 6).
- Play online games on <https://www.topmarks.co.uk/maths-games/5-7-years/addition-and-subtraction>





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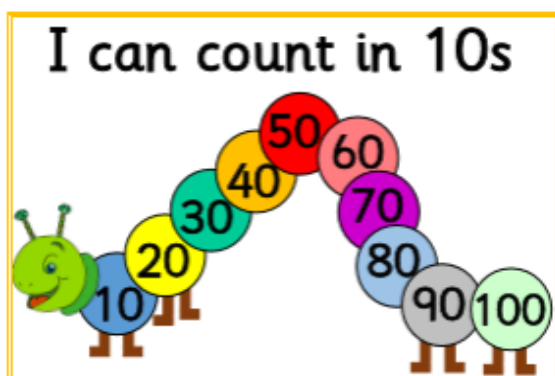
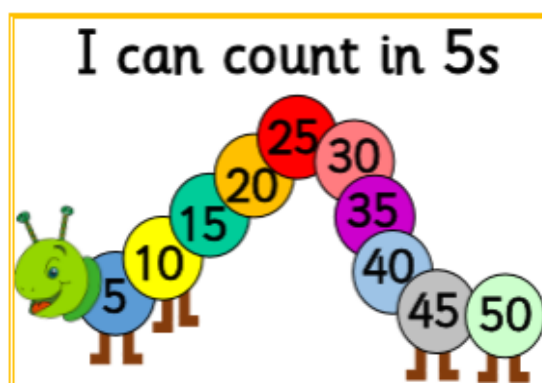
# Learn by Heart Facts

## Year 1

## Summer 2

I can count in multiples of 2s, 5s and 10s.

By the end of this half term, you should know the following facts. The aim is for you to recall these facts instantly.



**Key Vocabulary**

Two, five, ten

Multiples

Patterns

Counting up/ down

Sequences/ sequencing

**Top Tips**

- The secret to success is practising little and often. Can you practise these facts while walking to school or during a car journey? You don't need to practise them all at once; perhaps you could have a fact of the day.
- Make sure that you are pronouncing the numbers correctly and not getting confused between sixteen and sixty.
- Spot patterns – What patterns can you spot when counting up in 5s? Are there any similarities with counting up in 10s?
- Use 2p, 5p and 10p coins to help you count in 2s, 5s and 10s.
- Play online games <https://www.ictgames.com/mobilePage/duckShoot/index.html> and <https://www.topmarks.co.uk/Search.aspx?q=count%20on%20in%202s%20and%2010s>