Maths

Addition and Subtraction

Need a coherently planned sequence of lessons to complement this resource?

Subtract Two 2-Digit Numbers, Not Crossing 10

Aim

- To subtract two 2-digit numbers, not crossing 10.

Success Criteria

- I can use number facts to subtract two 2-digit numbers, not crossing 10.
- I can use a number line to subtract two 2-digit numbers, not crossing ten.

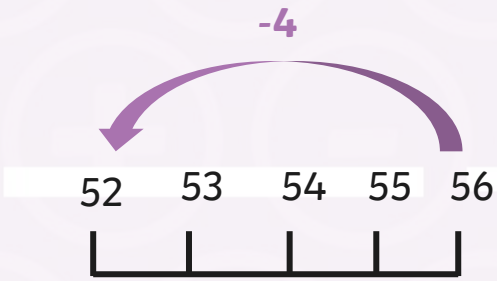
Remember It

The class is raising funds for charity. Flynn is selling cakes.

Or we could use an empty number line. Start on 56 and count back 4.

What could we do to find the answer?

$$56 - 4 = 52$$

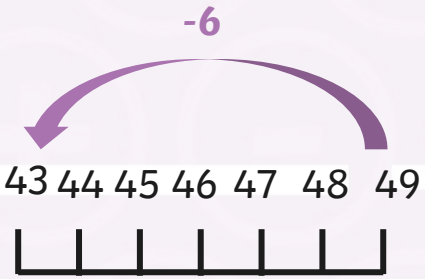


Remember It

How could we use an empty number line?

What could we do to find the answer?

$$49 - 6 = 43$$

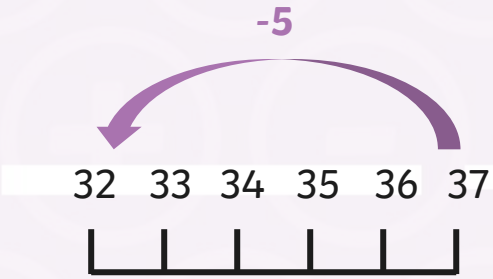


Remember It

What would this look like on an empty number line?

What could we do to find the answer?

$$37 - 5 = 32$$



Remember It

Use number facts or a number line to subtract the ones.

$95 - 4 = 91$

$86 - 3 = 83$

$78 - 6 = 72$

Which strategy did you use?
Is there another strategy you could use?

Remember It

The class is raising funds for charity. Max is selling raffle tickets.

Or we could use an empty number line.

Start on 90 and count back 1 step of 10.

What could we do to find the answer?

$$90 - 10 = 80$$

Remember It

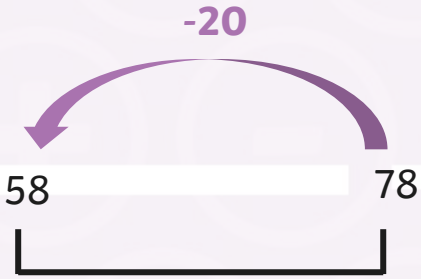
I bought some of the tickets

Do you know a number fact that

How could I use an empty number line to find the answer?

What could we do to find the answer?

$$78 - 20 = 58$$



Remember It

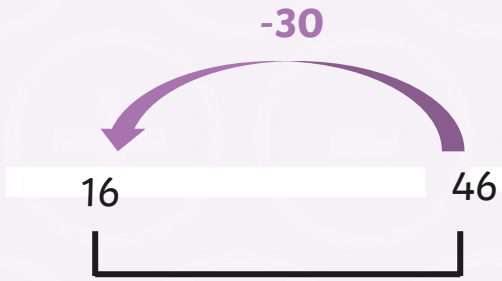
I lost some tickets

Can you use number facts to find

How could I use an empty number line to find the answer?

What could we do to find the answer?

$46 - 30 = 16$



Remember It

Use number facts or a number line to subtract tens.

$86 - 10 = 76$

$57 - 20 = 37$

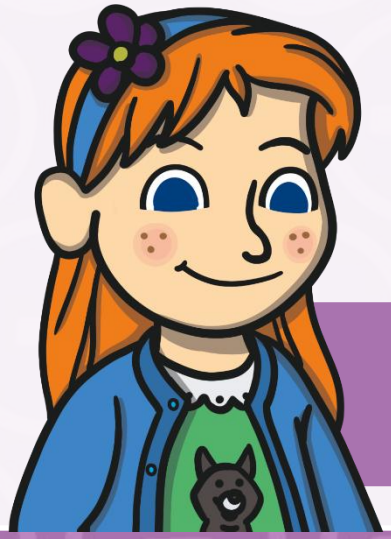
$64 - 30 = 34$

Which strategy did you use?
Is there another strategy to answer the questions?

Buying Seeds

Whole Class

Aima is going to use some money to buy a packet of seeds.



We can grow the seeds and sell the flowers.

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How much money will be left?
Use number facts or number lines to find out.

Buying Seeds

Whole Class

45p – 13p = 32p

Tens

I know:

4 – 1 = 3

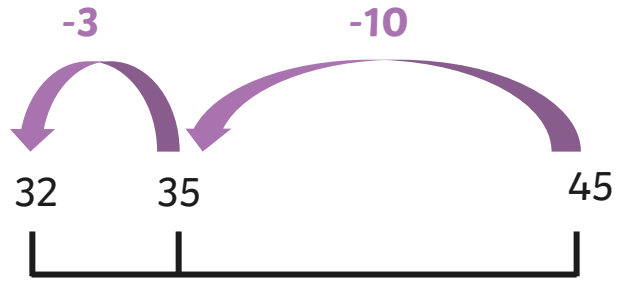
so

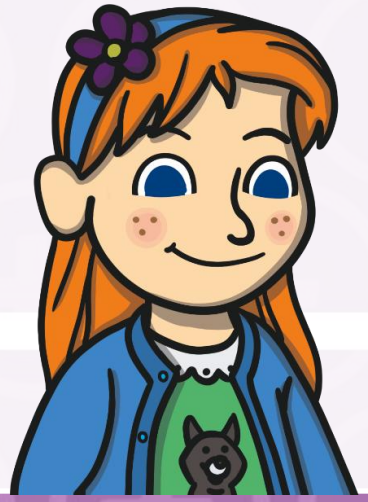
40 – 10 = **30**

Ones

I know:

5 – 3 = 2



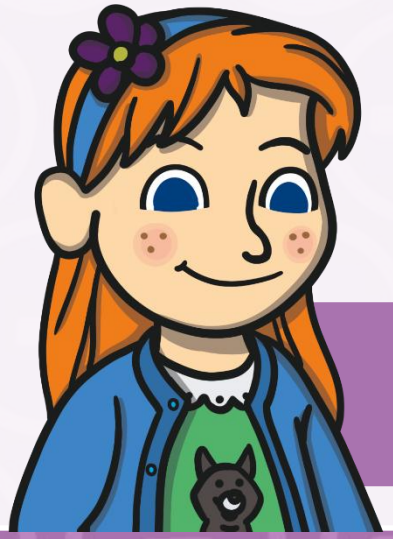


We will have 32p left.

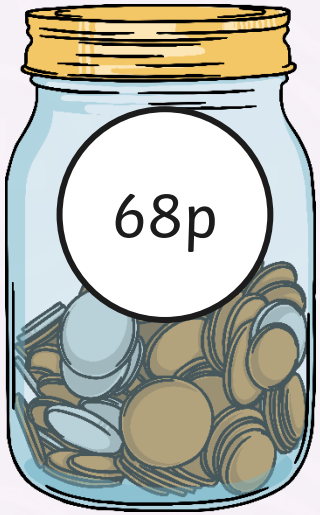
Buying Seeds

Whole Class

Aima is buying more seeds.



We can grow more flowers.



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How much money will be left?
Use number facts or number lines to find out.

Buying Seeds

Whole Class

68p – 24p = 44p

Tens

I know:

6 – 2 = 4

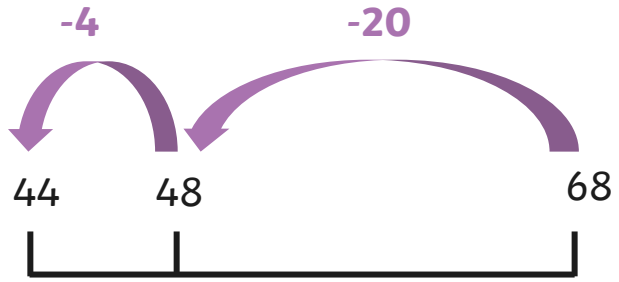
so

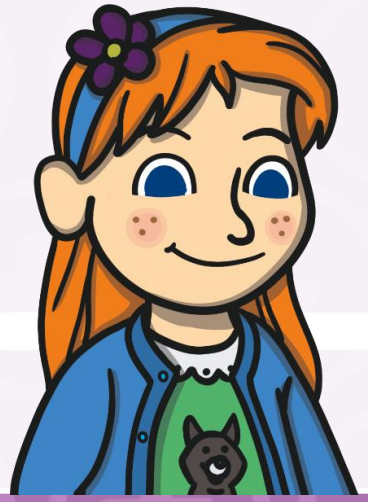
60 – 20 = **40**

Ones

I know:

8 – 4 = 4





We will have 44p left.

Buying Seeds

Whole Class

Samir will buy seeds too.

We can plant the seeds and grow carrots to sell.

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How much money will be left?
Use number facts or number lines to find out.

Buying Seeds

Whole Class

57p – 15p = 42p

Tens

I know:

5 – 1 = 4

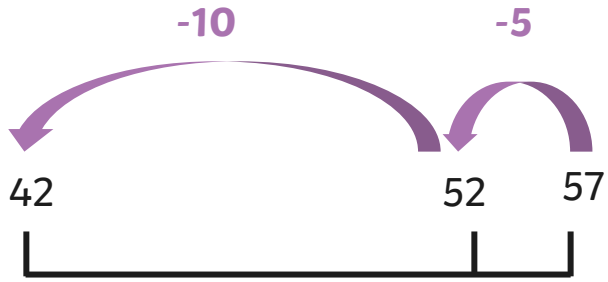
so

50 – 10 = **40**

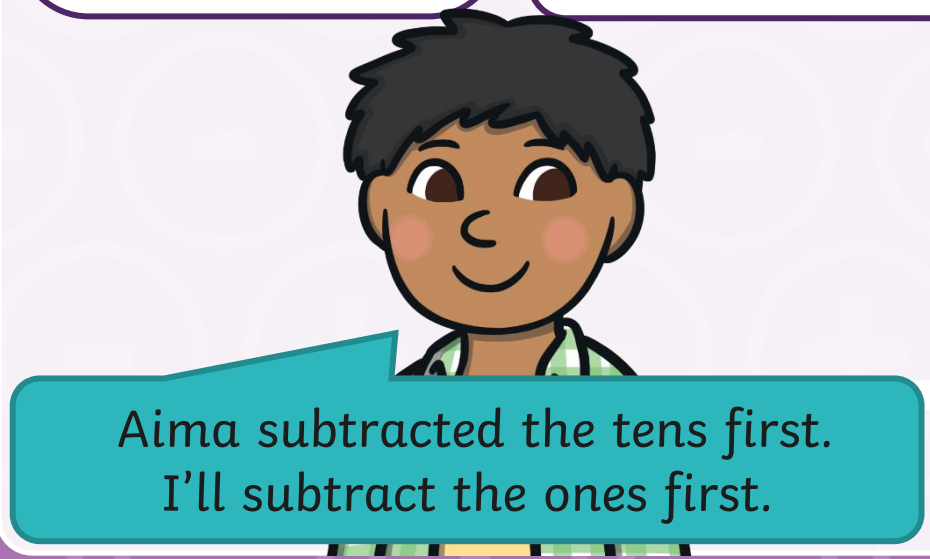
Ones

I know:

7 – 5 = 2



We will have 42p left.



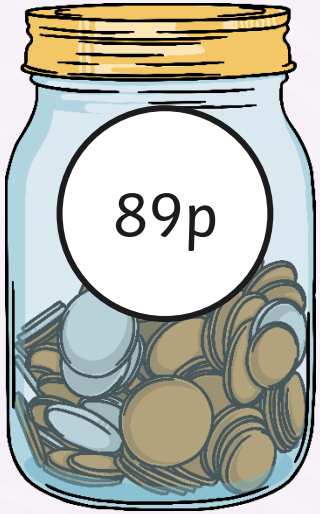
Aima subtracted the tens first.
I'll subtract the ones first.

Buying Seeds

Whole Class

Samir is buying more seeds.

We can grow more carrots.



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How much money will be left?
Use number facts or number lines to find out.

Buying Seeds

Whole Class

89p – 57p = 32p

Tens

I know:

8 – 5 = 3

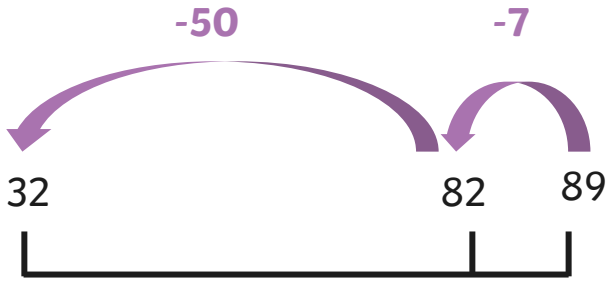
so

80 – 50 = **30**

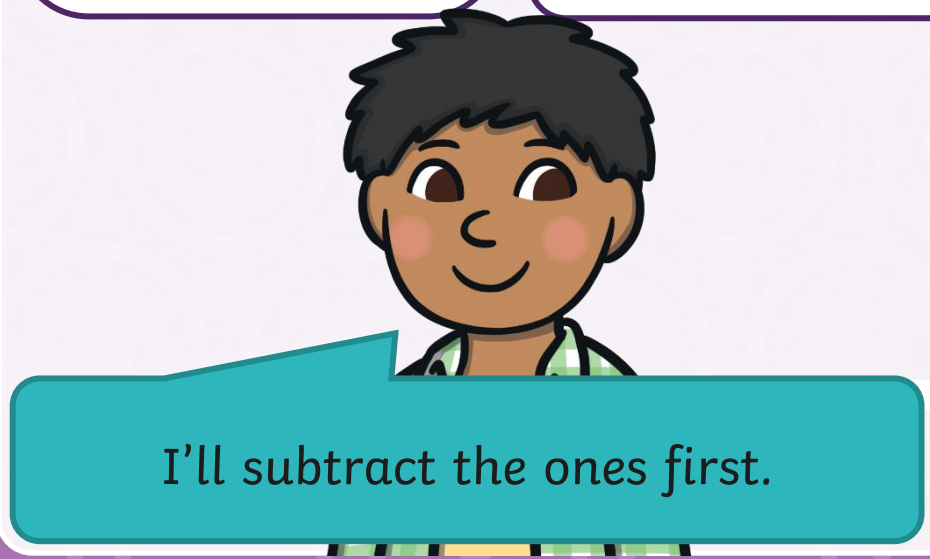
Ones

I know:

9 – 7 = 2

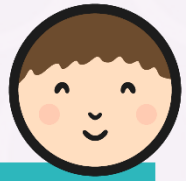


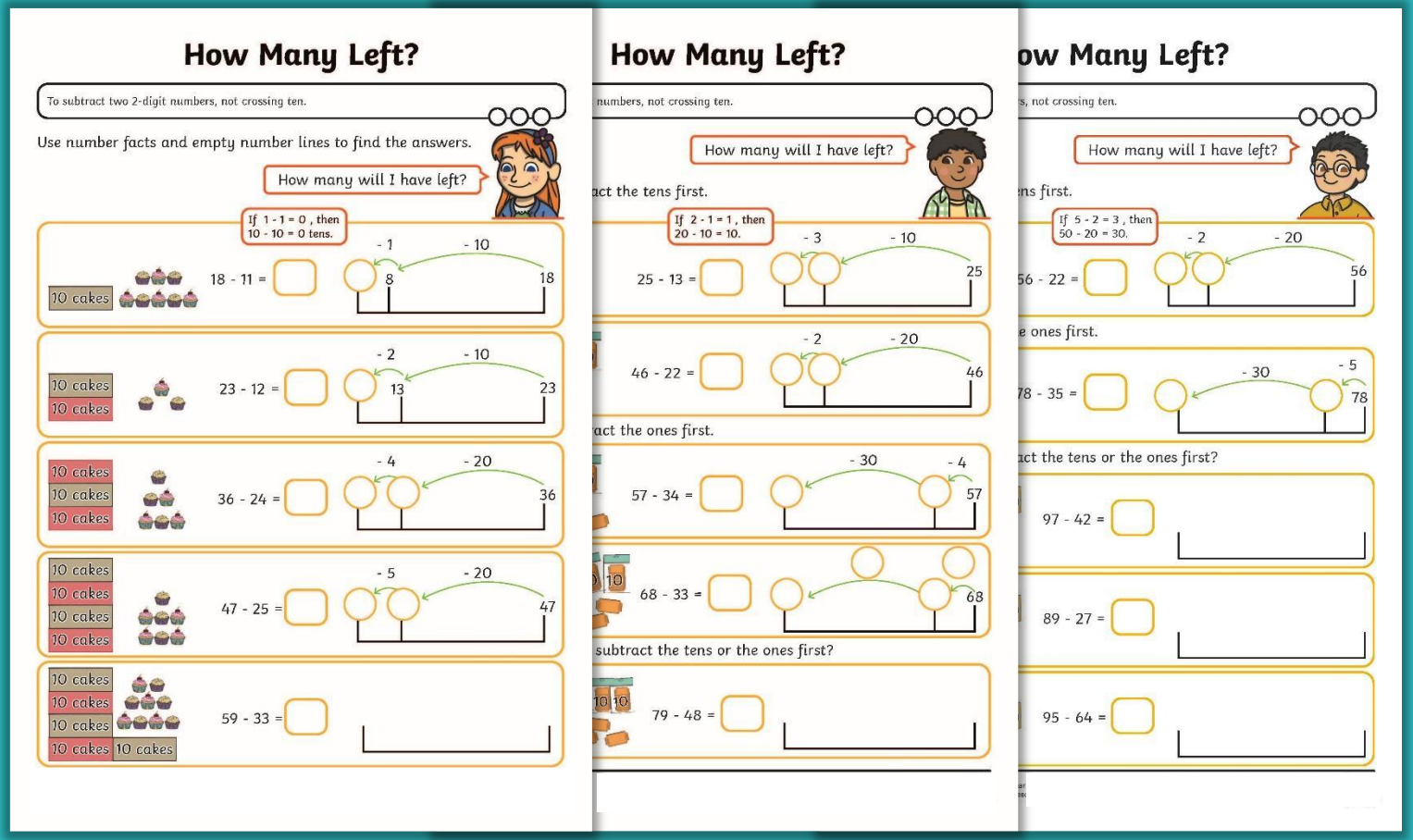
We will have 32p left.



I'll subtract the ones first.

How Many Left?





How Many Left?

To subtract two 2-digit numbers, not crossing ten.

Use number facts and empty number lines to find the answers.

How many will I have left?

If 1 - 1 = 0 , then 10 - 10 = 0 tens.

10 cakes

18 - 11 =

- 1 - 10 8 18

10 cakes 10 cakes

23 - 12 =

- 2 - 10 13 23

10 cakes 10 cakes 10 cakes

36 - 24 =

- 4 - 20 36

10 cakes 10 cakes 10 cakes 10 cakes

47 - 25 =

- 5 - 20 47

10 cakes 10 cakes 10 cakes 10 cakes 10 cakes 10 cakes

59 - 33 =

How Many Left?

numbers, not crossing ten.

How many will I have left?

act the tens first.

If 2 - 1 = 1 , then 20 - 10 = 10.

25 - 13 =

- 3 - 10 25

46 - 22 =

- 2 - 20 46

act the ones first.

57 - 34 =

- 30 - 4 57

10

68 - 33 =

68

subtract the tens or the ones first?

10 10

79 - 48 =

ow Many Left?

s, not crossing ten.

How many will I have left?

ns first.

If 5 - 2 = 3 , then 50 - 20 = 30.

56 - 22 =

- 2 - 20 56

e ones first.

78 - 35 =

- 30 - 5 78

act the tens or the ones first?

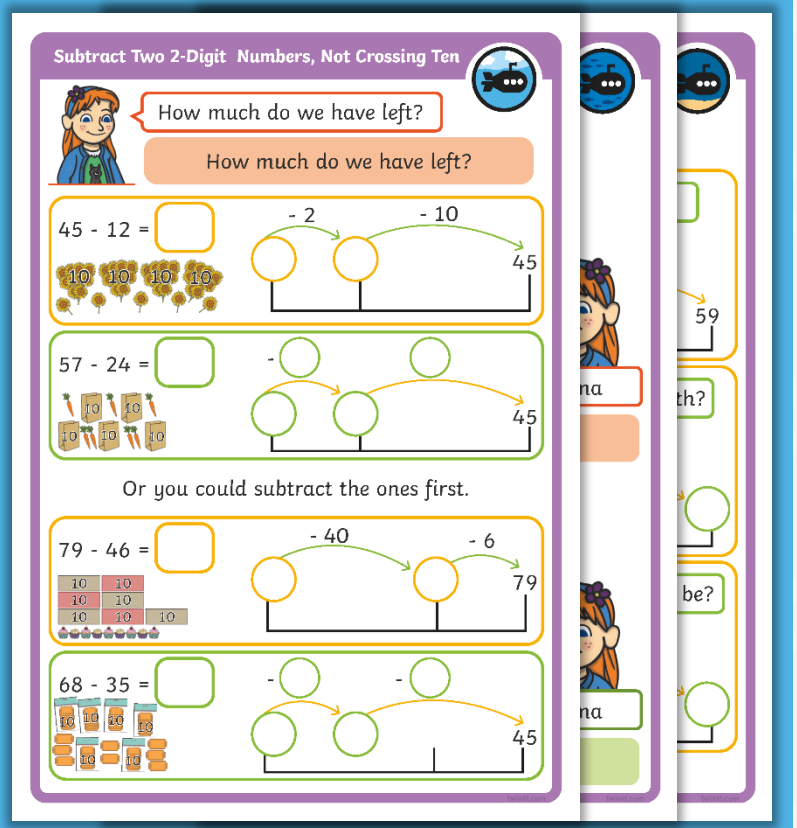
97 - 42 =

89 - 27 =

95 - 64 =

Diving into Mastery

Dive in by completing your own activity!

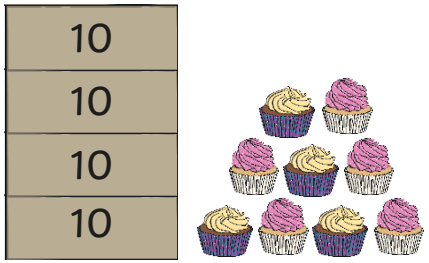


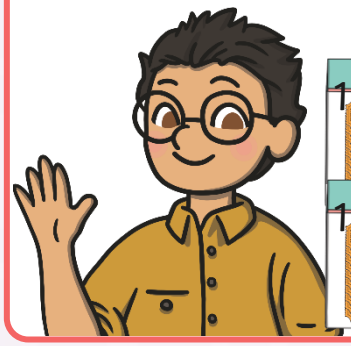
Fundraising

Whole Class

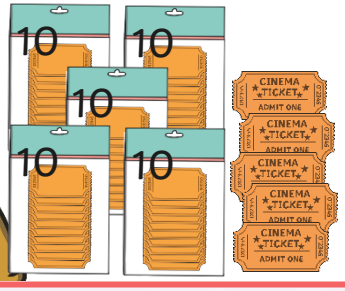
What do the friends have left to sell?
Use number facts and empty number lines to find out.

49 – 25 = 24

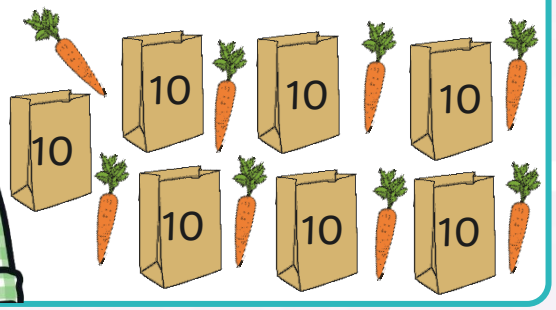


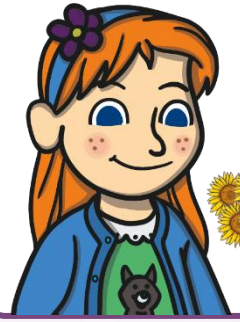


55 – 12 = 43



78 – 43 = 35





68 – 34 = 34

Aim

- To subtract two 2-digit numbers, not crossing 10.

Success Criteria

- I can use number facts to subtract two 2-digit numbers, not crossing 10.
- I can use a number line to subtract two 2-digit numbers, not crossing ten.