Fast Five

73+48=

Complete the number sequence:
16, 20, __, 28, __, 36, 40

Half of 150 =

What 3D shape am I?

I have 6 faces and 8 vertices. All of my faces are the same shape.

87-29=

Answers on the next slide

Fast Five - Answers

73+48=121

Complete the number sequence:
16, 20, 24, 28, 32, 36, 40

Half of 150 =75

What 3D shape am I? A cube

I have 6 faces and 8 vertices. All of my faces are the same shape.

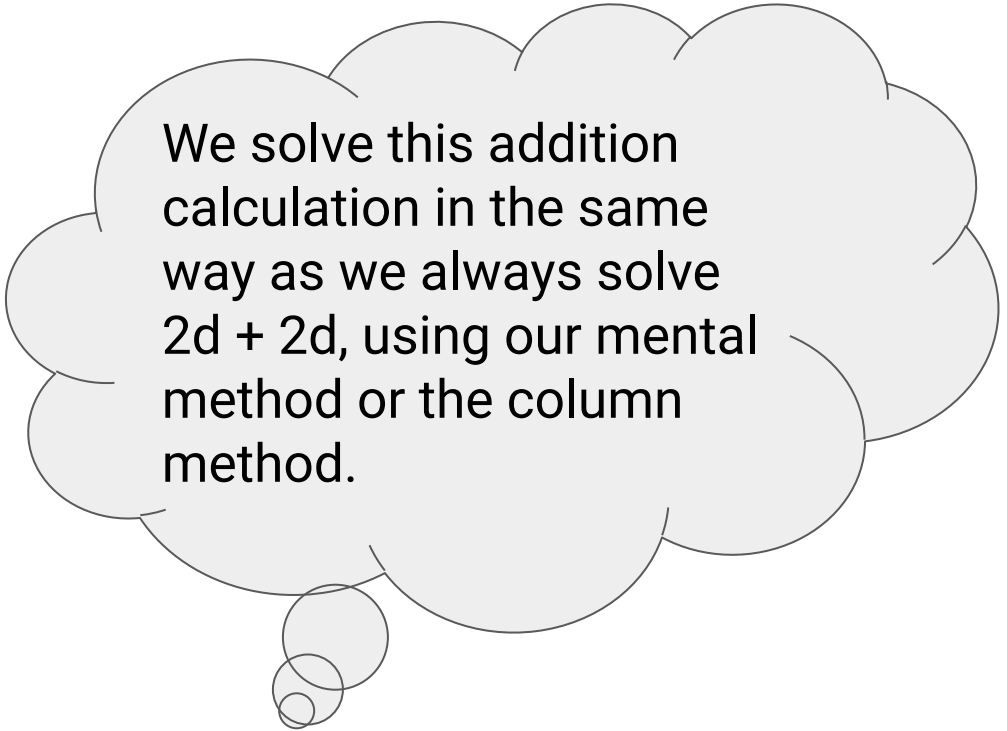
87-29=58

Can I add and subtract amounts of money?

When looking at money we measure money in pounds and pence, these measurements are also called **units of measurement**.

Today we are going to add and subtract different amounts of money.

36p + 49p =



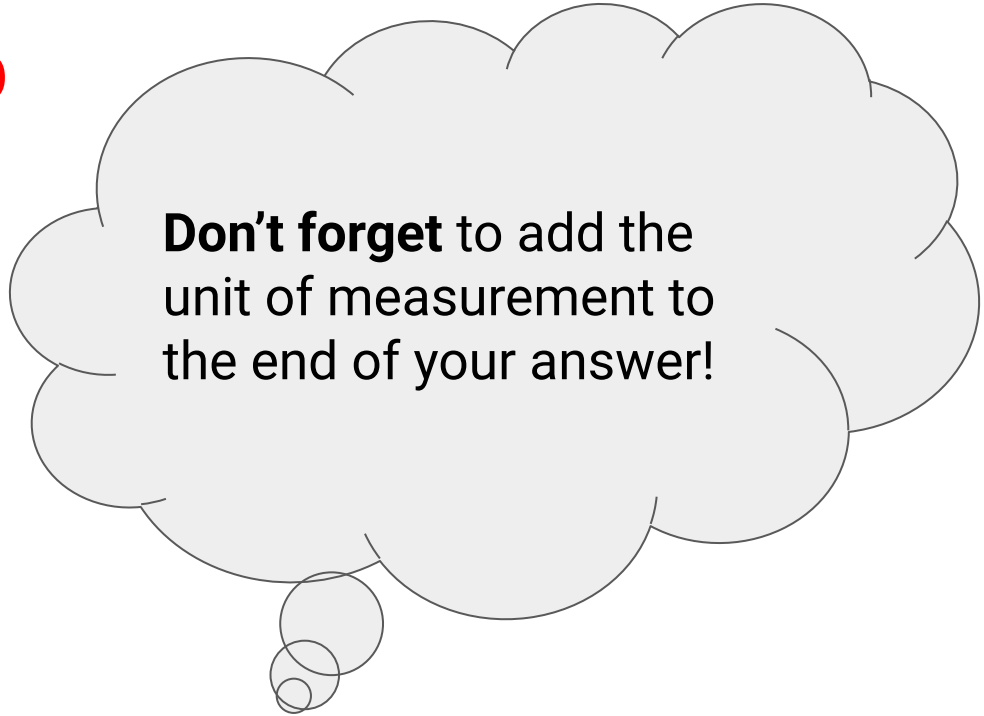
36p + 49p =

$$\begin{array}{r} 36 \\ +\ 49 \\ \hline 85 \\ \hline 1 \end{array}$$

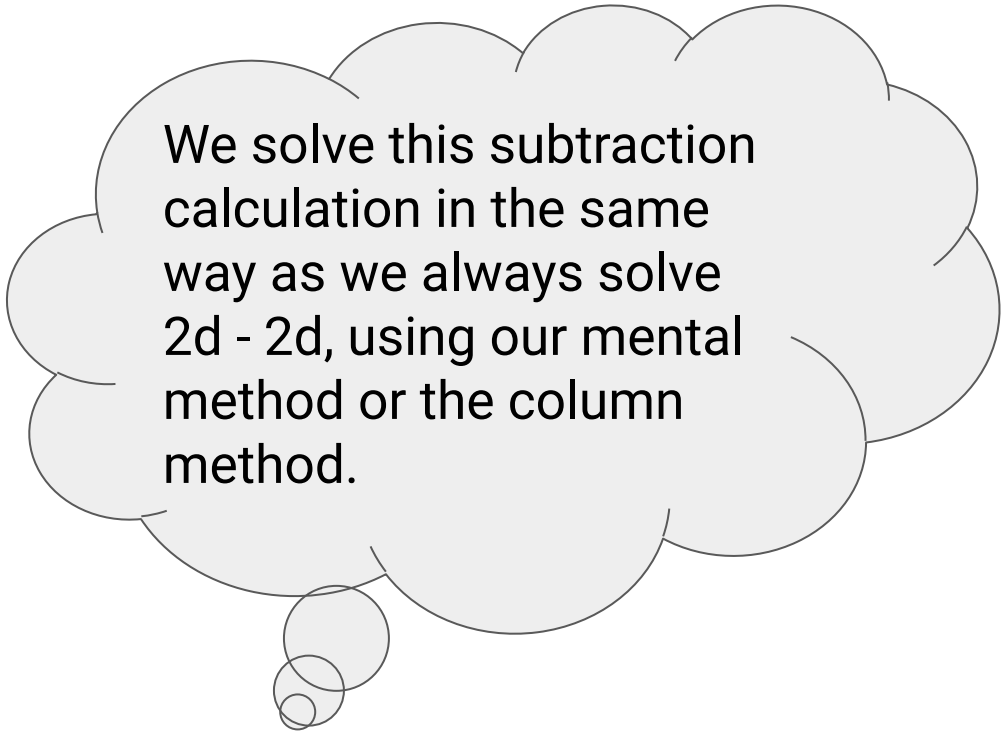
We solve this addition calculation in the same way as we always solve 2d + 2d, using our mental method or the column method.

36p + 49p = 85p

$$\begin{array}{r} 36 \\ +\ 49 \\ \hline 85\mathbf{p} \\ \hline 1 \end{array}$$



86p - 38p =


We solve this subtraction calculation in the same way as we always solve 2d - 2d, using our mental method or the column method.

86p - 38p =

```
  7
  /
  86
- 38
--------
  48
--------
```

We solve this subtraction calculation in the same way as we always solve 2d - 2d, using our mental method or the column method.

86p - 38p = 48p

```
  7
  ~~8~~6
- 38
--------
  48p
--------
```

Don’t forget to add the unit of measurement to the end of your answer!

However, when getting to 100p or more we then have to change our pence for pounds as 100p = £1.

E.g. 120p = £1 and 20p

The hundreds column is changed to pounds and the tens and ones column remains as pence.

Let’s have a look...

74p + 52p =

```
   74
+  52
---------
  126
---------
  1
```

We **still** need to solve this addition calculation in the same way as we always solve 2d + 2d, using our mental method or the column method.

74p + 52p =

```
  74
+ 52
----
 126p
----
```

Don’t forget to add the unit of measurement to the end of your answer!

74p + 52p =

As this answer is over 100p we need to convert the hundreds column to pounds

```
  74
+ 52
--------
 126p  ──►  £1 and 26p
--------
```

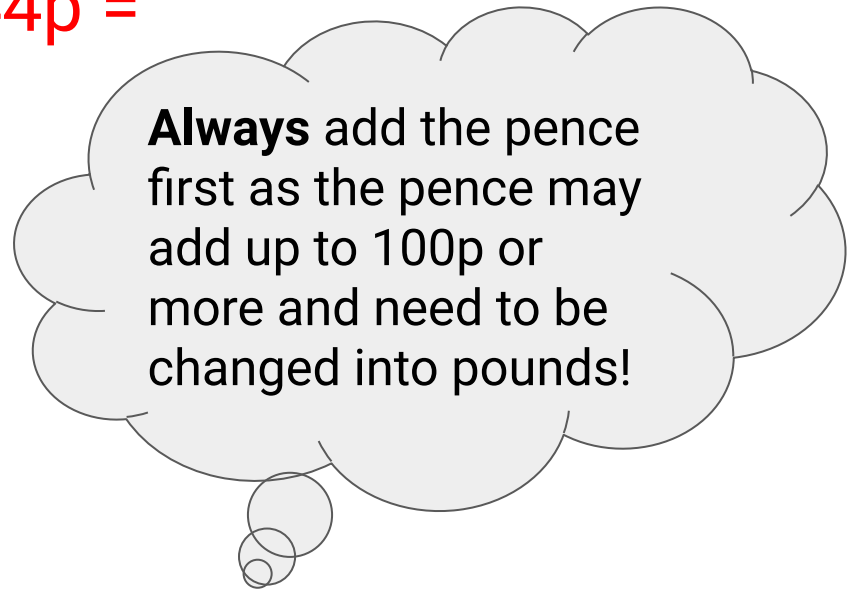
74p + 52p = £1 and 26p

If you are going to complete **Red Challenge** stop here.

```
  74
+ 52
--------
 126p  ⟶  £1 and 26p
--------
```

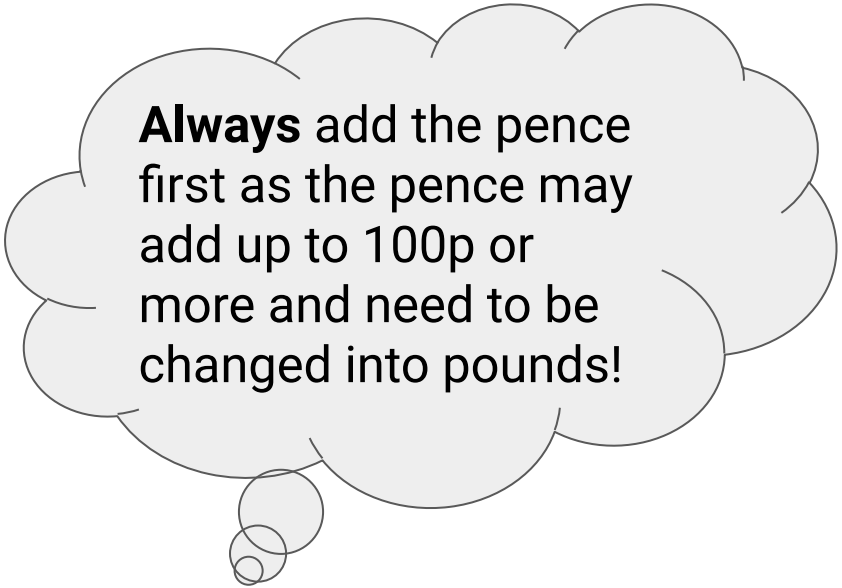
But what if we are adding or subtracting two amounts that are both over 100p?

E.g. £2 and 34p + £3 and 44p =



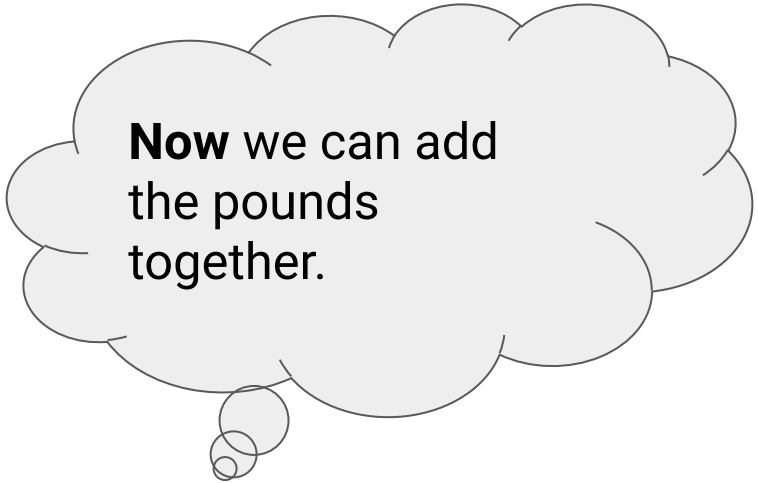
£2 and 34p + £3 and 44p =

```
   34p
+ 44p
----------
   78p
----------
```



£2 and 34p + £3 and 44p =

34p	£2
+ 44p	+ £3
---	---
78p	£5
---	---



Let’s put our answer together...

£2 and 34p + £3 and 44p = £5 and 78p

34p	£2
+ 44p	+ £3
----------	----------
78p	£5
----------	----------

Another example...

£3 and 67p + £4 and 52p =

```
   67
+  52
-----
  119p
-----
```

Always add the pence first as the pence may add up to 100p or more and need to be changed into pounds!

£3 and 67p + £4 and 52p =

```
    67
+   52
-------------
   119p   →   £1 and 19p
-------------
   1
```

Our pence has totalled to more than 100p so we now need to convert it to pounds and pence.

£3 and 67p + £4 and 52p =

```
    67
+   52
-------------
   119p  →  £1 and 19p
-------------
   1

    £3
+   £4
-------------
    £7
-------------
```

Now we can add the pounds together.

£3 and 67p + £4 and 52p = **£8 and 19p**

  67

\+ 52

119p → £1 and 19p

1

  £3

\+ £4

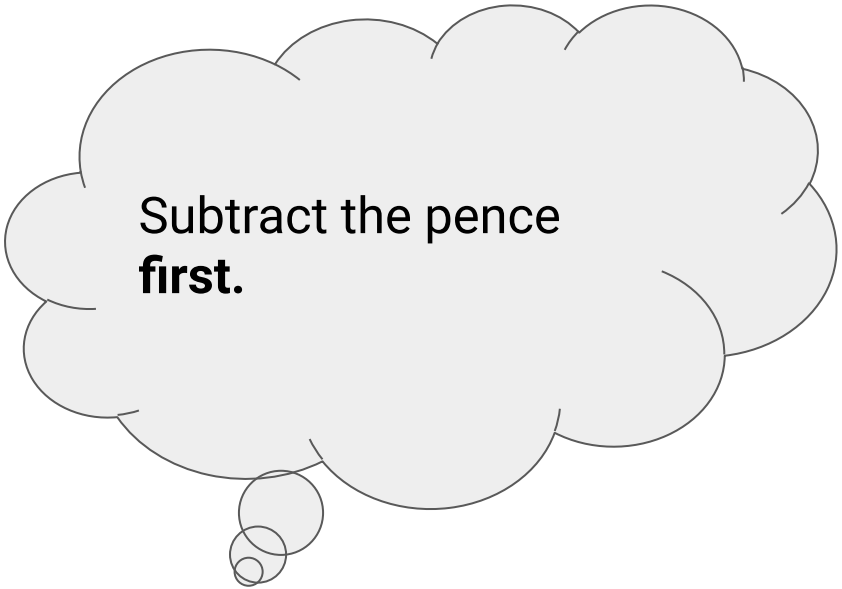
£7

When putting your answer together start with the pounds

Work in the same way when subtracting too...

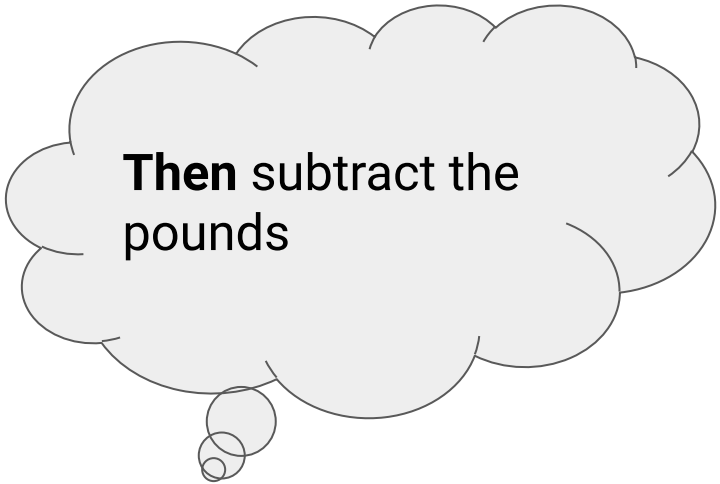
£6 and 74p - £3 and 44p =

```
  74p
- 44p
-------
  30p
-------
```



£6 and 74p - £3 and 44p =

74p	£6
- 44p	- £3
-------	-------
30p	£3
-------	-------



£6 and 74p - £3 and 44p = £3 and 30p

74p	£6
- 44p	- £3
30p	£3