Hi Year 6 – It's already 22nd June 2020!

WALT Understand Circles

See my notes in green to help you.

Challenge

How long does it take you to complete these calculations?

Double	
24	
47	
86	
19.4	
62.5	
94.37	

Half	
68	
842	
94	
76	
85	
38.66	

Challenge

How long does it take you to complete these calculations?

Double	
24	48
47	94
86	172
19.4	38.8
62.5	125
94.37	188.74

Half	
68	34
842	421
94	47
76	38
85	42.5
38.66	19.33

Tick the circle which has a radius of 76mm.

A

76mm

B
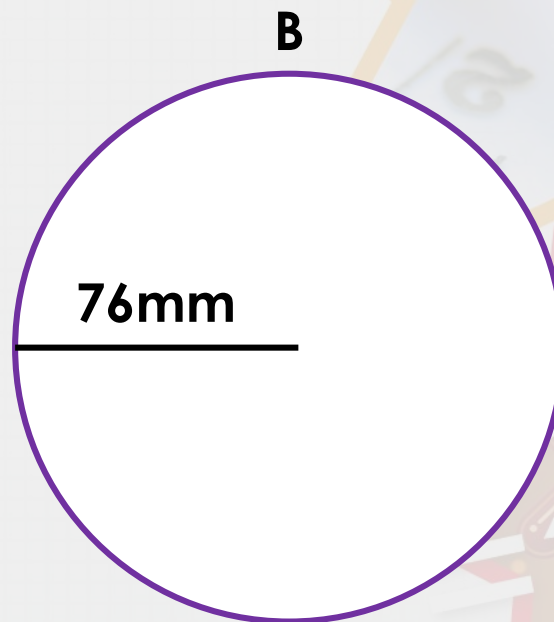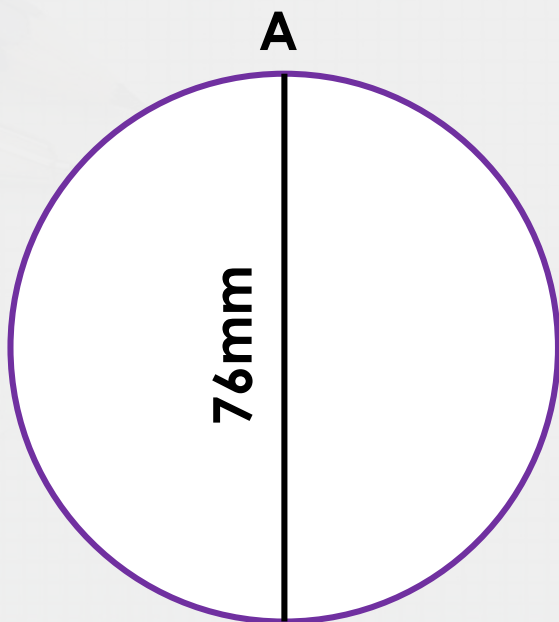
76mm

Tick the circle which has a radius of 76mm. *Remember that the radius is the measurement from the centre of a circle to its edge.*

A

76mm

B

76mm ✔
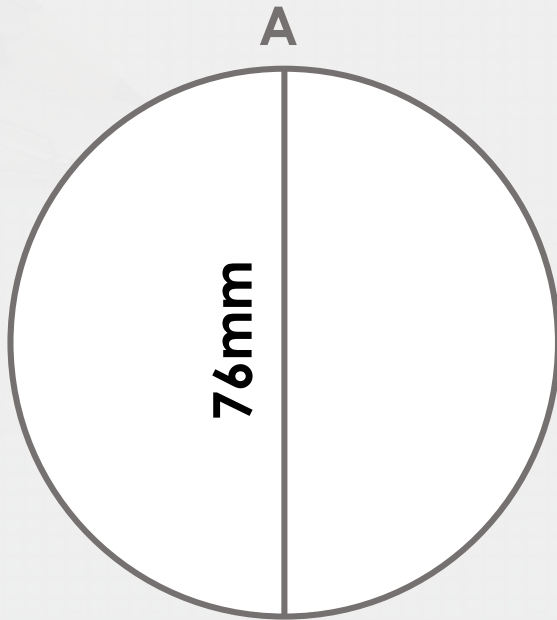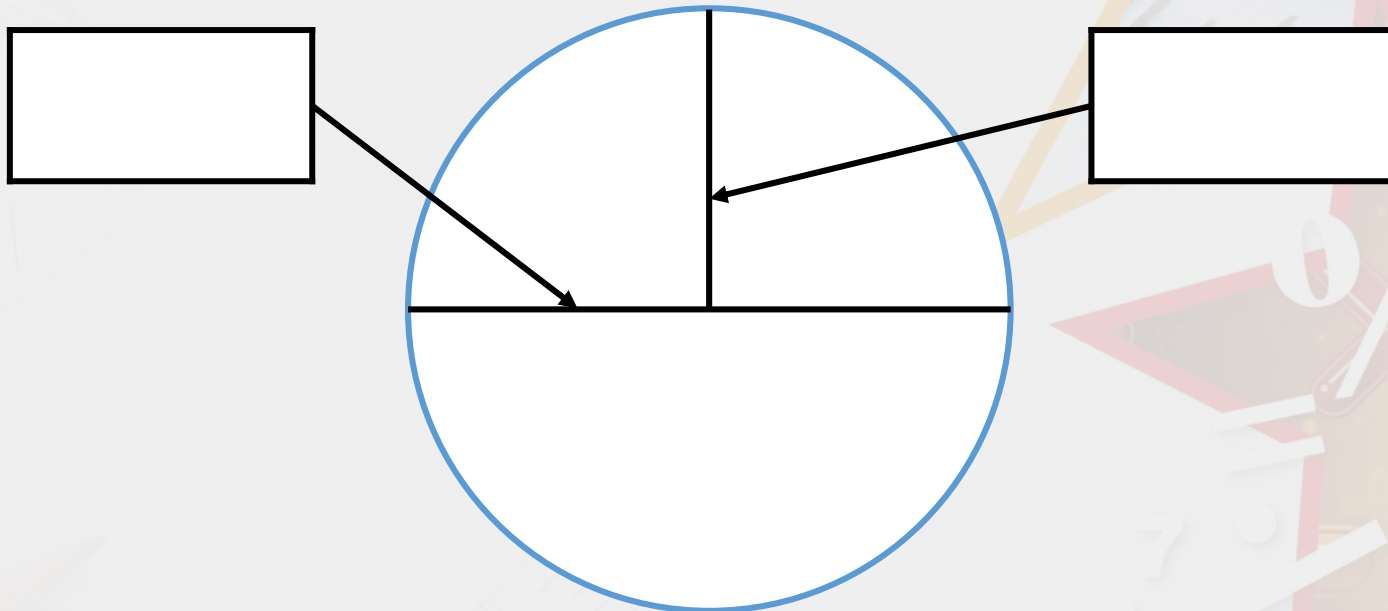
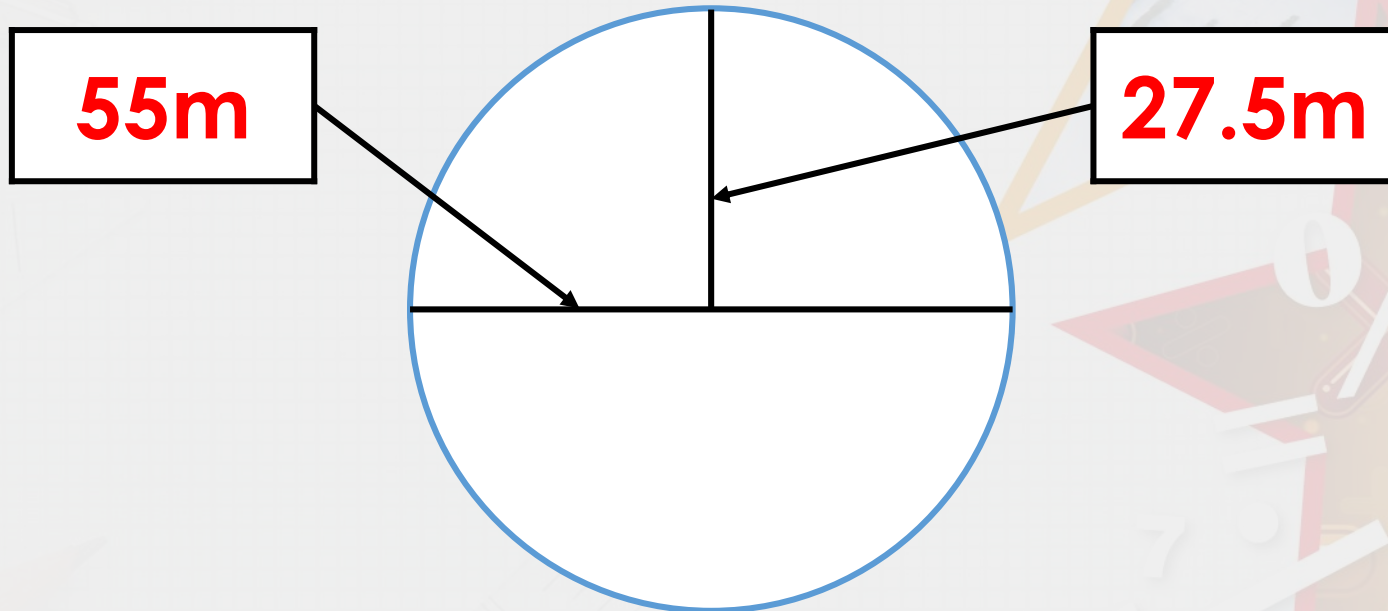**Use the measurements below to label the radius and diameter.**

27.5m   **55m**

Use the measurements below to label the radius and diameter.
Remember that the diameter is the measure all the way across the widest point of a circle. It is twice the length of the radius.

27.5m   55m

55m   27.5m

Match each diameter to its radius.

59m   47.5m

95m   63.5m

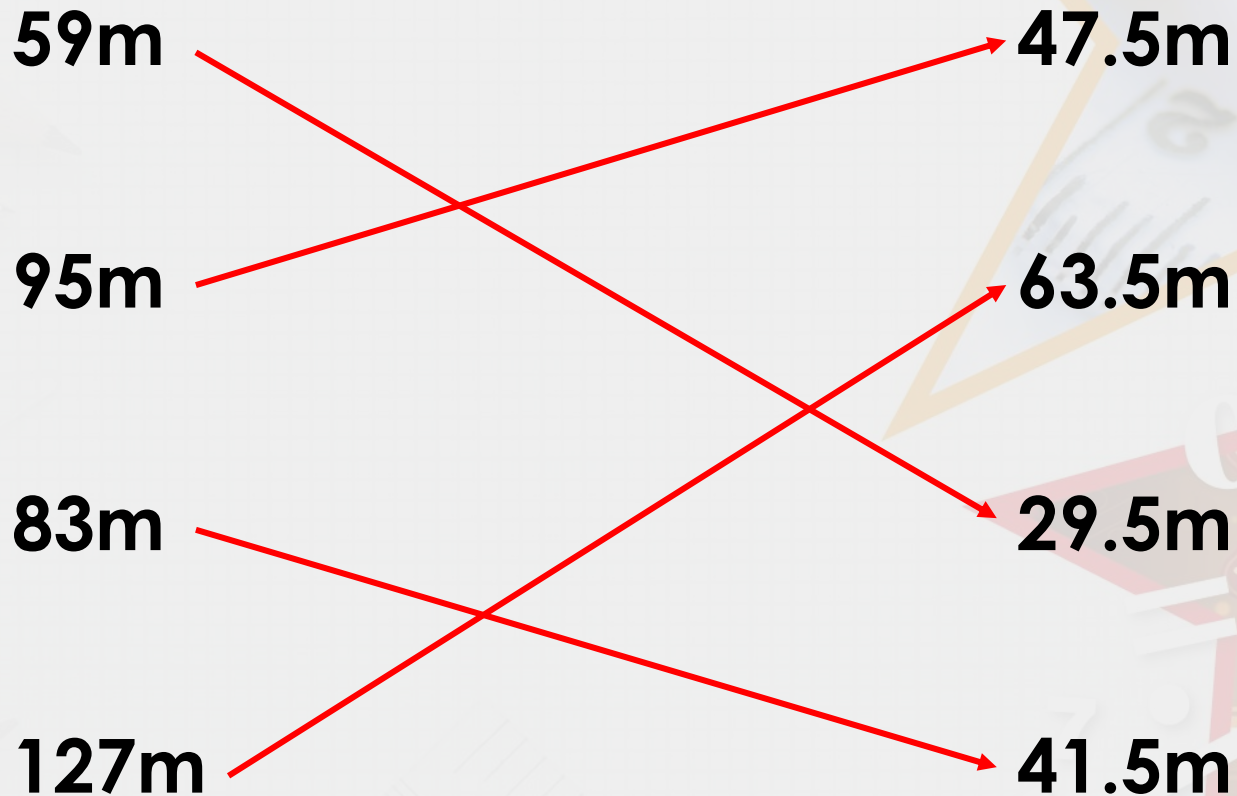83m   29.5m
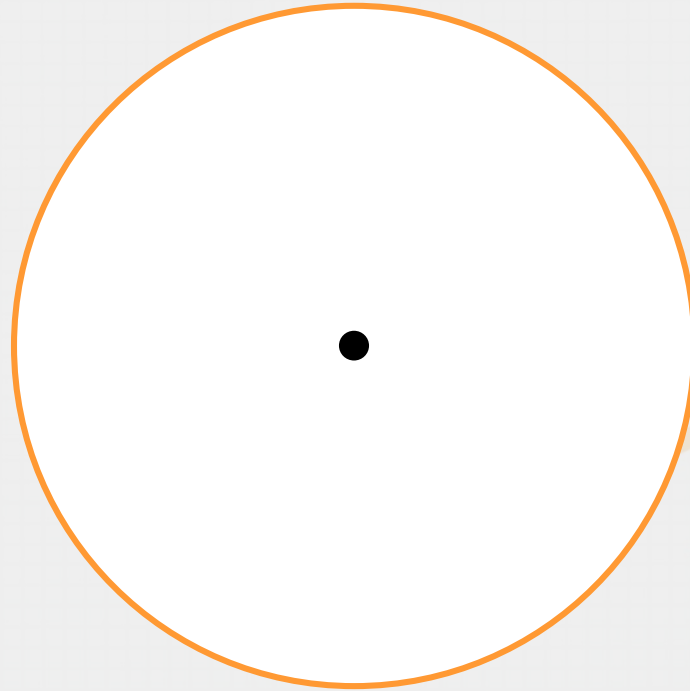
127m   41.5m

Match each diameter to its radius.

59m   47.5m

95m   63.5m

83m   29.5m

127m   41.5m

Use your ruler to draw and measure the radius and diameter.

Use your ruler to draw and measure the radius and diameter.

9cm   4.5cm
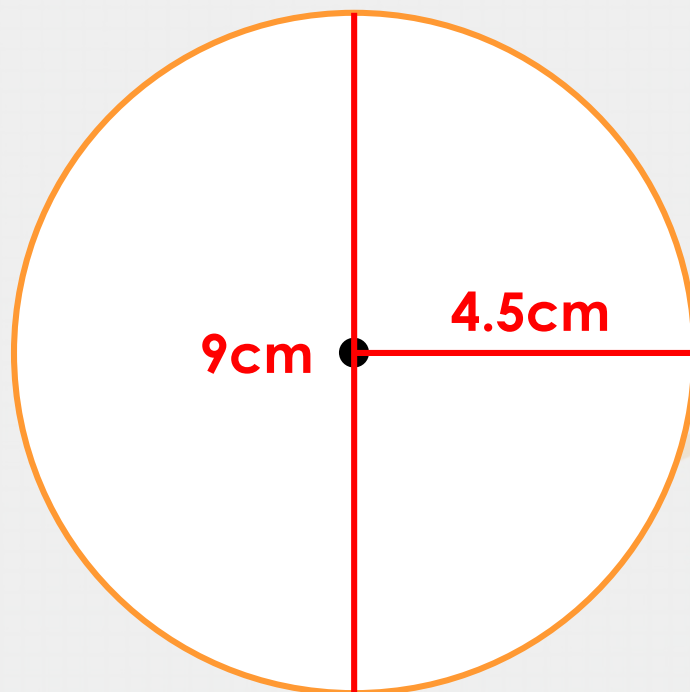
Please note this image will appear larger when displayed on a whiteboard. You may wish to print copies for your children to view at the correct size.

Well done! It's over to you now.

Go to Part 2 and choose your challenge! Normal rules apply: page 1 will give you an easier challenge, page 2 will be about the same as what we've just practised and page 3 will be more of a stretch.

You only need to do the first set of questions on your chosen challenge – the 'A' questions. If you want extra practice, you can then do the 'B' questions of your chosen challenge page. When you finish, don't forget to mark your answers before sharing, so I can see where you need help.