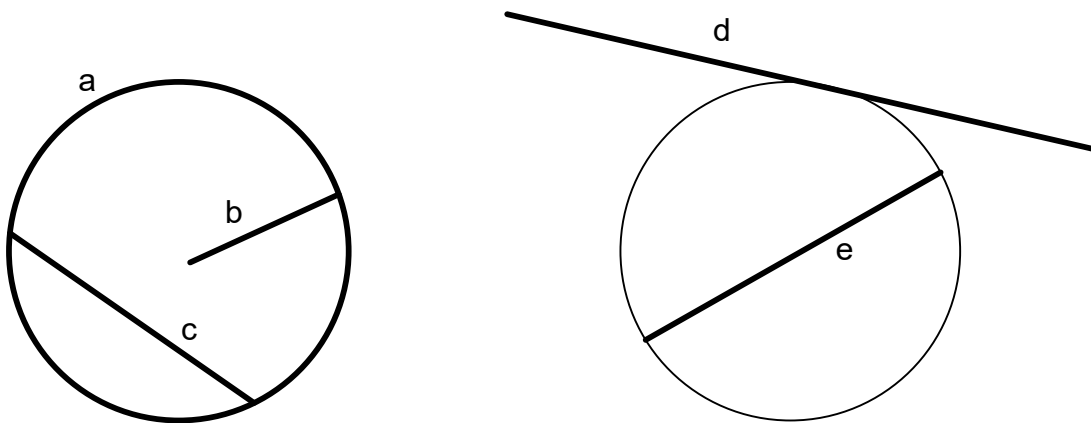


Starter Activity

- 1 Write 30% as a fraction.
- 2 Write 0.6 as a fraction.
- 3 Write 0.037 as a fraction.
- 4 Write $\frac{3}{5}$ as a decimal.
- 5 What is 4^2 ?
- 6 What is 7^2 ?
- 7 What is 13^2 ?
- 8 What is 4^3 ?
- 9 What is a four sided polygon called?
- 10 What is a six sided polygon called?
- 11 How many sides has a heptagon?
- 12 How many sides has a nonagon?
- 13 Name the thick line on the shape below:



- 14 Find the value of the following:
 - a. $24 \div (12 - 6) =$
 - b. $4 \times 3 + 2 =$
 - c. $5 + 6 \times 3 =$
 - d. $8 \times 3 + 2 \times 5 =$
 - e. $8 + 8 \div 2 - (4 - 2) =$
- 15 A cuboid has a length of 8cm, a width of 5cm and a height of 3cm. What is the volume of the cuboid?
- 16 Bill, Sam and Daphne share some sweets in the ratio 3:5:2. Daphne gets 8 sweets. How many sweets do Bill and Sam get?
- 17 Jack goes to bed at 8:45pm. He goes to sleep three quarters of an hour later. He wakes at 6:12am the next morning. For how many minutes has he slept?
- 18 The value of my car depreciated by 20% when I bought it. If I paid £24,000 for it, how much would it be worth afterwards?
- 19 I put £500 in a savings account. The account paid 4% interest per annum. Assuming I neither deposited nor withdrew any money from the account, how much did I have after 5 years?
- 20 Factorise fully the expression $5y^2 + 15y$