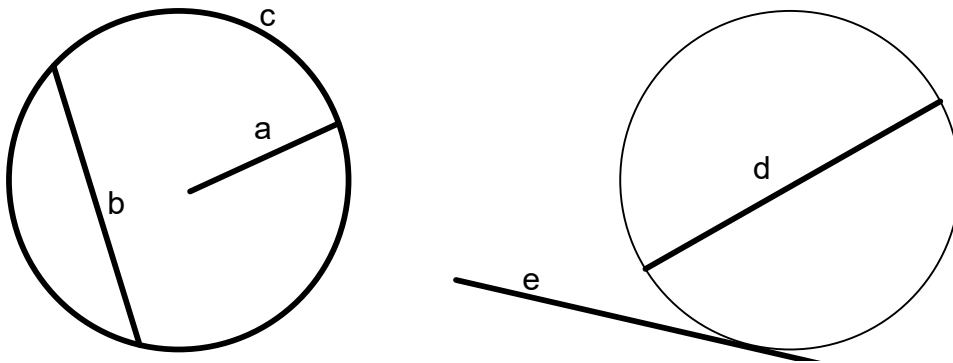


Starter Activity

- 1 Write 7% as a fraction.
- 2 Write 0.93 as a fraction.
- 3 Write 0.004 as a fraction.
- 4 Write $\frac{3}{10}$ as a decimal.
- 5 What is 7^2 ?
- 6 What is 4^2 ?
- 7 What is 13^2 ?
- 8 What is 9^0 ?
- 9 What is a eight sided polygon called?
- 10 What is a six sided polygon called?
- 11 Describe a trapezium?
- 12 How many sides does a nonagon have?
- 13 Give the mathematical name of the lines on the diagram below:



- 14 Find the value of the following:
 - a. $23 + 8 \div 2 =$
 - b. $7 + 9 \times 5 =$
 - c. $4 + 7 - 9 =$
 - d. $8 \div 2 + 5 \times 3 =$
 - e. $12 + 16 \div (16 \div 4) =$
- 15 A cuboid has a length of 9cm, a width of 7cm and a height of 2cm. What is the volume of the cuboid?
- 16 David, Joanne and Billy share 48 sweets in the ratio 3:5:8. How many sweets does each person get?
- 17 Ibrahim goes to bed at 10.00 pm. It takes him 20 minutes to drop off to sleep. He wakes when his alarm goes off at 6:15am. How many minutes sleep has he had?
- 18 Bernadette bought a car for £12,500. She paid 30% deposit and the remainder as 6 equal monthly payments. How much was each monthly payment?
- 19 I put £200 in a jar under my bed each month for three years. How much was in the jar at the end of the three years?
- 20 Factorise fully the expression $18x^5 + 60x^3y^3$