Bond

1

A factor is a whole number that ...

2

Name 6 different quadrilaterals.

3

The radius of a circle is …

4

What is an axis or a line of symmetry in a 2-D shape?

5

A perpendicular line is a line that is …

6

How many degrees in a right angle?

7

What do the angles of a square add up to in degrees?

8

What do the four angles of any quadrilateral add up to in degrees?

9

How many degrees in a complete rotation?

10

Three triangles named according to their angles are …

11

The diameter of a circle is …

12

A prime number is …

4

It is a line that divides a 2-D shape into two equal mirror images.

3

… the distance from the centre of a circle to its edge.

2

square, rectangle or oblong, rhombus, parallelogram, kite, trapezium.

1

… will divide exactly into another number.

8

360°

7

360°

6

90°

5

… at right angles to another line.

12

… a number that has only two factors: one and the number itself.

11

… the distance straight across a circle, cutting through the centre.

10

- right-angled triangle
- acute-angled triangle
- obtuse-angled triangle

9

360°

13

How many degrees in a straight line?

14

An angle which is larger than two right angles is called …

15

To find the average or mean of a set of numbers …

16

Parallel lines are …

17

To find the volume of a cuboid …

18

To simplify a common (vulgar) fraction to its lowest terms …

19

Three triangles named according to their sides are …

20

To find the area of a triangle …

21

A square number is …

22

The circumference of a circle is …

23

To find the area of a square …

24

A number with a^2 next to it, e.g. 10^2, means …

16

… lines that are the same distance apart for their entire length (e.g. railway tracks).

15

… add together all of the numbers in the set by how many numbers there are in the set.

14

… a reflex angle.

13

180°

20

… imagine it in a rectangle, find the area of the rectangle and then halve this amount: $A = \frac{1}{2} (b \times h)$.

19

- equilateral triangle
- isosceles triangle
- scalene triangle

18

… find a number which will divide exactly into the denominator and the numerator.

17

… multiply its length by its width by its height (l x w x h).

24

… squared; that number multiplied by itself (e.g. 10×10).

23

… find the length of one side and multiply this by itself.

22

… the distance all round its edge.

21

… a number multiplied by itself.

25

A number with a^3 next to it, e.g. 10^3, means …

26

What do the angles of a triangle add up to in degrees?

27

To find the area of a rectangle …

28

Perimeter means …

29

To change a common (vulgar) fraction into a decimal fraction …

30

The multiple of a number is …

31

The square root ($\sqrt{}$) of a number is …

32

What is a polygon?

33

What does congruent mean?

34

In a 3-D shape:

- a vertex is …
- a face is …
- an edge is …

35

The eight points of a compass, starting at North and going clockwise, are …

36

Percent (%) means …

28

… the distance all round the edge of a 2-D shape.

27

… multiply its length by its width (l x w).

26

180°

25

… that number multiplied by itself twice (e.g. 10 x 10 x 10).

32

A polygon is a 2-D shape with three or more straight sides.

31

… the number multiplied by itself to make that number. So, the $\sqrt{25}$ is 5 (5×5).

30

the answer, when the number is multiplied by another number. So, the multiples of 5 are: 5 (1×5), 10 (2×5), 15 (3×5) and so on.

29

… divide the numerator by the denominator.

36

… out of 100.

35

… N, NE, E, SE, S, SW, W, NW.

34

- A vertex is the point (corner) of a shape.
- A face is a flat side of a shape.
- An edge is the line where two faces meet.

33

It means the same shape and size.

37

To find the order of rotational symmetry of a shape…

38

The diagonal of a shape is…

39

- Horizontal means …
- Vertical means …
- Oblique means …

40

If a shape tessellates, it …

Bond

40

… can cover an area without leaving any spaces in between.

39

- … straight across, like the horizon.
- … straight up or down.
- … slanting.

38

… a straight line which slopes across a shape from one corner to another.

37

… rotate the shape and see how many times it fits exactly on top of itself. The number of times it does this, is its order of rotational symmetry.