**Surface Area of Cubes and Cuboids GREEN**

**Question 1**

Calculate the surface areas of the cuboids below.

a) b) c)



**Question 2**

Gary is going to paint this box.

One tube of paint can cover 0.5 m².

How many tubes of paint are needed to paint the box?

**Question 3**

A cuboid has volume of 168 cm³.

The area of the base of the cuboid is 24 cm² and its width is 4 cm.

Work out the surface area of the cuboid.

**Question 4**

A cube has a volume of 512 cm3.

Calculate its surface area.

**Surface Area of Cubes and Cuboids AMBER**

**Question 1**

Calculate the surface areas of the cuboids below.

a) b) c)



Front:

Back:

Left:

Right:

Top:

Bottom:

Total:

Start by calculating the surface area

**Question 2**

Gary is going to paint this box.

One tube of paint can cover 0.5 m².

How many tubes of paint are needed to paint the box?

**Question 3**

If it’s tricky, draw a piccy!

A cuboid has volume of 168 cm³.

The area of the base of the cuboid is 24 cm² and its width is 4 cm.

Work out the surface area of the cuboid.

**Question 4**

If it’s tricky, draw a piccy!

A cube has a volume of 512 cm3.

Calculate its surface area.

**Surface Area of Cubes and Cuboids RED**

**Question 1**

Calculate the surface areas of the cuboids below.

a) b) c)



Front: $7×4=$ Front:

Back: Back:

Left: $3×4=$ Left:

Right: Right:

Top: $7×3$ Top:

Bottom: Bottom:

Total: Total:

Start by calculating the surface area

**Question 2**

Gary is going to paint this box.

One tube of paint can cover 0.5 m².

How many tubes of paint are needed to paint the box?

Front and back: $2×\\_\\_\\_\\_×\\_\\_\\_\\_=$

Left and right: $2×\\_\\_\\_\\_×\\_\\_\\_\\_=$

Top and bottom: $2×\\_\\_\\_\\_×\\_\\_\\_\\_=$

Total:

**Question 3**

If it’s tricky, draw a piccy!

A cuboid has volume of 168 cm³.

The area of the base of the cuboid is 24 cm² and its width is 4 cm.

Work out the surface area of the cuboid.

**Question 4**

If it’s tricky, draw a piccy!

A cube has a volume of 512 cm3.

Calculate its surface area.

