**Surds with Perimeter, Area, Volume**

Find the area and perimeter of these rectangles.

A rectangular object with arrows and lines

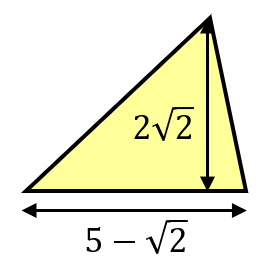
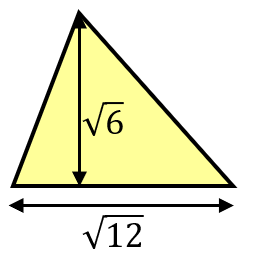
Description automatically generated(a)

A pink rectangular object with black lines and numbers

Description automatically generated(b)

A rectangular object with arrows and lines

Description automatically generated (c)

Find the area of these triangles.

(a) (b)

The perimeter of this rectangle is . Find the area of the rectangle.

A green rectangle with black border

Description automatically generated

(a) The volume of the cuboid shown is . Find the height of the cuboid.

A purple rectangular object with black text

Description automatically generated

(b) The volume of a cylinder is . If the height of the cylinder is , find the exact radius of the cylinder.

**Surds with Perimeter, Area, Volume**

Find the area and perimeter of these rectangles.

A rectangular object with arrows and lines

Description automatically generated(a)

A pink rectangular object with black lines and numbers

Description automatically generated(b)

A rectangular object with arrows and lines

Description automatically generated (c)

A yellow triangle with black arrows and black text

Description automatically generatedA yellow triangle with black arrows

Description automatically generatedFind the area of these triangles.

(a) (b)

The perimeter of this rectangle is . Find the area of the rectangle.

A green rectangle with black border

Description automatically generated

(a) The volume of the cuboid shown is . Find the height of the cuboid.

A purple rectangular object with black text

Description automatically generated

(b) The volume of a cylinder is . If the height of the cylinder is , find the exact radius of the cylinder