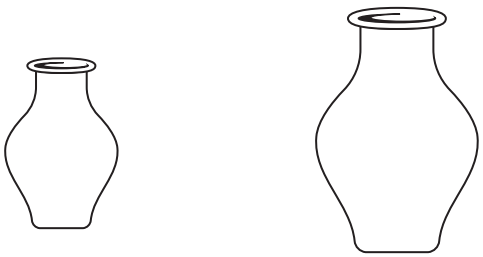
17 **A** and **B** are two similar vases.



A **B**

Diagram **NOT** accurately drawn

Vase **A** has height 24 cm.
Vase **B** has height 36 cm.

Vase **A** has a surface area of 960 cm^2

(a) Work out the surface area of vase **B**.

..... cm^2

(2)

Vase **B** has a volume of $V cm^3$

(b) Find in terms of V, an expression for the volume, in cm^3, of vase **A**.

..... cm^3

(2)

(Total for Question 17 is 4 marks)

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