

G0915 Cones, pyramids and spheres

① 155 cm^3

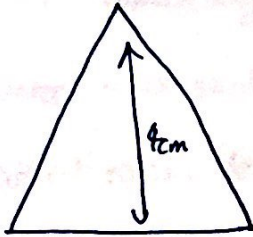
② a) 46-50

b) fewer spheres can be made

③ No

④ Silver

⑤ a)



6cm
to be constructed

b) 96 cm^2

⑥ 1361g

⑦ a) $\frac{1}{3}$

b) yes

⑧ $K=48$

⑨ a) 3.5-45

b) more

⑩ $75\pi \text{ cm}^2$

⑪ $h = \frac{x}{2}$

⑫ $h = 5x$

Calculation (10)

Calculation (10) (1)

Calculation (10) (2)

Calculation (10) (3)

Calculation (10) (4)

Calculation (10) (5)

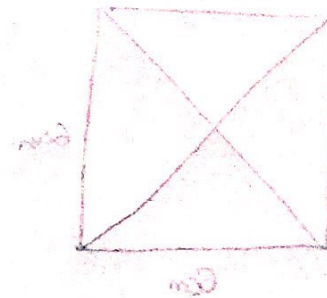
Calculation (10) (6)

Calculation (10) (7)

Calculation (10) (8)

Calculation (10) (9)

Calculation (10) (10)



mid

mid

Calculation (10) (11)

Calculation (10) (12)

Calculation (10) (13)