# Surface area of a pyramid

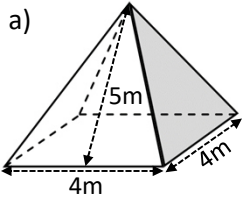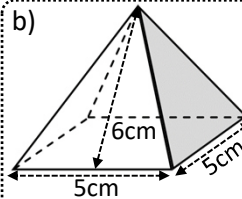Name:

Calculate the total **surface area** of these pyramids:

**Diagrams not drawn to scale**
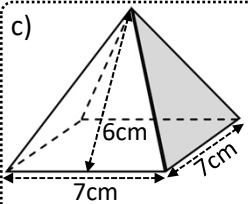
a)

5m
4m
4m

**56m²**

b)

6cm
5cm
5cm

**85cm²**
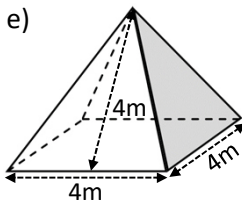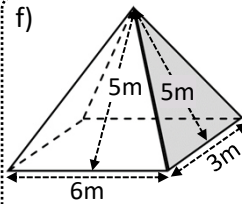
c)

6cm
7cm
7cm

**133cm²**

d)

5m
7m
7m

**119m²**

e)

4m
4m
4m

**48m²**

f)

5m 5m
6m
3m

**63m²**

g)

9m 7m
7m
9m

**189m²**

h)

8mm
4mm
4mm

**82.0mm²**

i)

3cm
8cm
8cm

**144cm²**

j)

6m
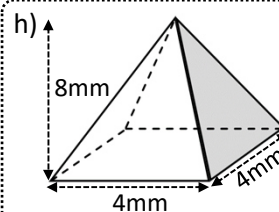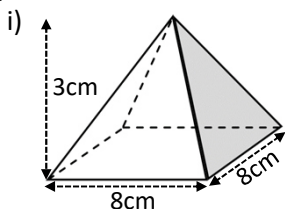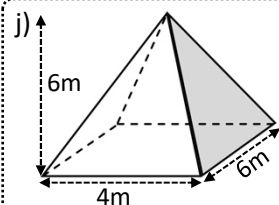4m
6m
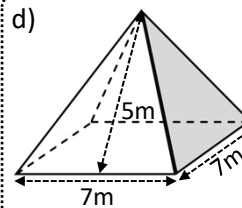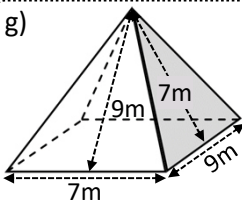
**88.8m²**

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**Exam question:**

A square-based pyramid has a base with side length 8cm.
The perpendicular height of the pyramid is 12cm.
Calculate the surface area of the pyramid to the nearest cm².

12cm

8cm

**266cm²**