

Page 223 Answers con't.

3. a) On 1-cm grid paper, draw 3 different triangles with each base and height.

i) base: 4 cm; height: 3 cm ii) base: 7.5 cm; height: 6.5 cm

b) Find the area of each triangle you drew in part a.

What do you notice?

4. On 1-cm grid paper, draw two different triangles with each area.

a) 16 cm^2

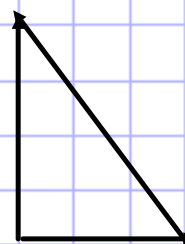
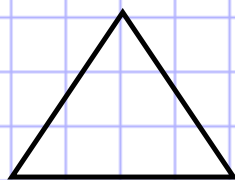
b) 8 cm^2

c) 10 cm^2

3. i)



$$A = 6 \text{ cm}^2$$



3. ii)

$$A = 24.375 \text{ cm}^2$$

All triangles have the same area if their base and height are the same.

4. a) Triangle's base = 32cm and height = 1cm, OR
b=8cm and h=4cm,
b=16cm and h=2cm,

4. b) b=8 and h=2, OR b=4 and h=4,
b=16 and h=1

4. c) b=20 and h=1, OR b=10 and h=2,
b=5 and h=4