**RED: Area of a triangle**

**L.O: TBAT work out the area of a triangle (Level 6)**

Work out the area of the following triangles.

Hint: Area of triangle = ½ b x h

1)

4cm

7cm

Answer: …………………………………………

= ½ x 7 x 4

= ½ x 28 =

2)

= ½ x 9 x 5

Answer: …………………………………………

5cm

9cm

3)

Answer: …………………………………………

4cm

8cm

4)

6.3cm

5cm

Answer: …………………………………………

5)

4cm

5cm

Answer: …………………………………………

6)

6.2cm

10cm

Answer: …………………………………………

**Extension:**

If a triangle has a base length of 7cm and an area of 42cm2, what is the height of the triangle?

**AMBER: Area of a triangle**

**L.O: TBAT work out the area of a triangle (Level 6)**

Work out the area of the following triangles.

Hint: Area of triangle = ½ b x h

1)

4cm

7cm

Answer: …………………………………………

= ½ x 7 x 4

2)

Answer: …………………………………………

5cm

9cm

3)

4cm

8cm

Answer: …………………………………………

4)

6.3cm

5cm

Answer: …………………………………………

5)

4cm

5cm

Answer: …………………………………………

6)

6.2cm

10cm

Answer: …………………………………………

**Extension:**

If a triangle has a base length of 7cm and an area of 42cm2, what is the height of the triangle?

**GREEN: Area of a triangle**

**L.O: TBAT work out the area of a triangle (Level 6)**

Work out the area of the following triangles.

1)

4cm

7cm

Answer: …………………………………………

2)

5cm

9cm

Answer: …………………………………………

3)

4cm

8cm

Answer: …………………………………………

4)

6.3cm

5cm

Answer: …………………………………………

5)

4cm

5cm

Answer: …………………………………………

6)

6.2cm

10cm

Answer: …………………………………………

**Extension:**

If a triangle has a base length of 7cm and an area of 21cm2, what is the height of the triangle?