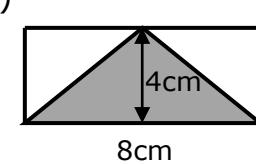
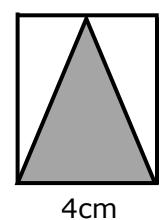
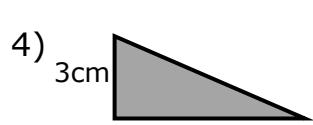
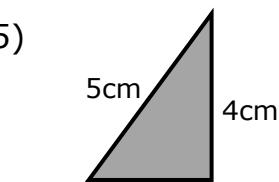
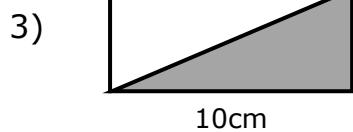
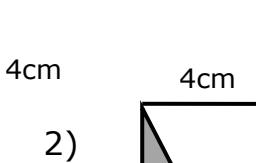
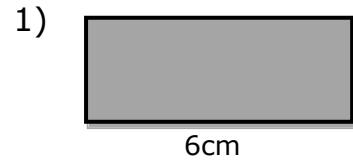


Area of triangles

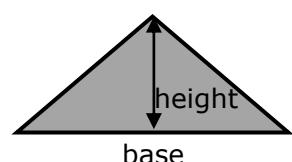
Please choose ONE column to complete depending on how confident you are feeling.

Developing

Find the area of the shaded regions:

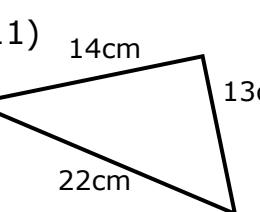
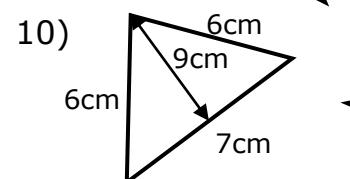
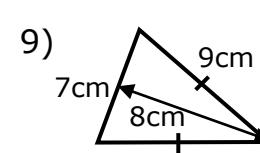
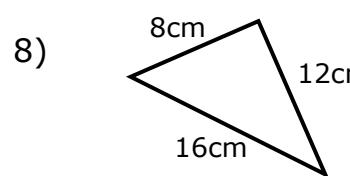
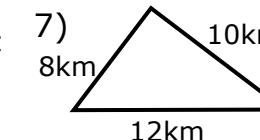
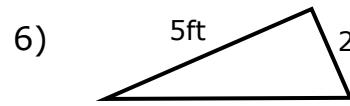
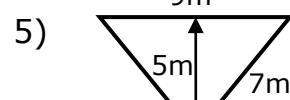
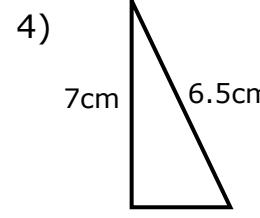
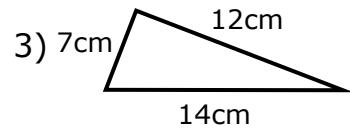
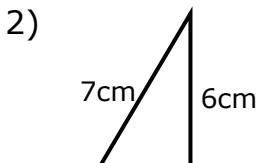
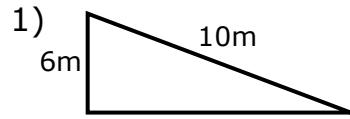


8) Using the letters b and h , write a formula for the area of this triangle:



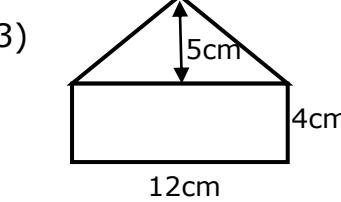
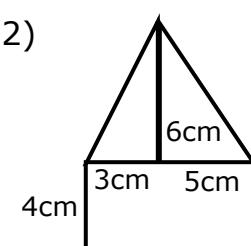
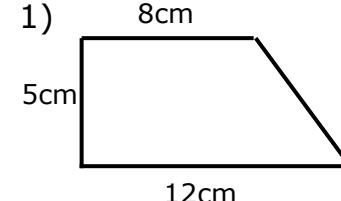
Secure

Find the area of these triangles:

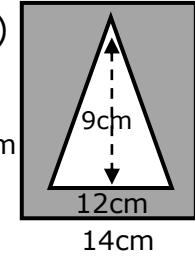
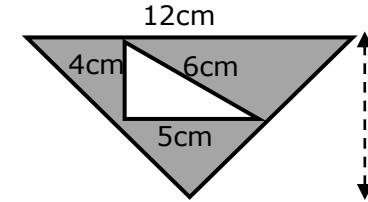


Mastery

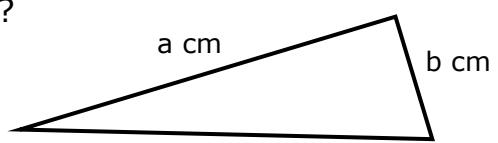
Work out the area of these shapes:



4) Work out the shaded area:



6) The area of this triangle is 32cm^2 . What are some possible values for a and b ?



Area of triangles

Developing answers:

- 1) 24cm^2
- 2) 10cm^2
- 3) 30cm^2
- 4) 9cm^2
- 5) 6cm^2
- 6) 14cm^2
- 7) 16cm^2
- 8) Area = $\frac{b \times h}{2}$

Secured answers:

- 1) 24cm^2
- 2) 9cm^2
- 3) 42cm^2
- 4) 17.5cm^2
- 5) 22.5m^2
- 6) 5ft^2
- 7) 40km^2
- 8) 48cm^2
- 9) 28cm^2
- 10) 31.5cm^2
- 11) 91cm^2

Mastered answers:

- 1) 50cm^2
- 2) 56cm^2
- 3) 78cm^2
- 4) 38cm^2
- 5) 184cm^2
- 6) 1cm, 64cm
2cm, 32 cm
4cm, 16cm
8cm, 8cm