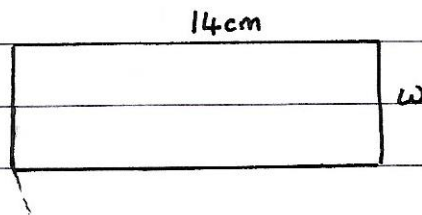
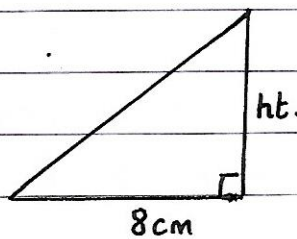


AREA PROBLEMS

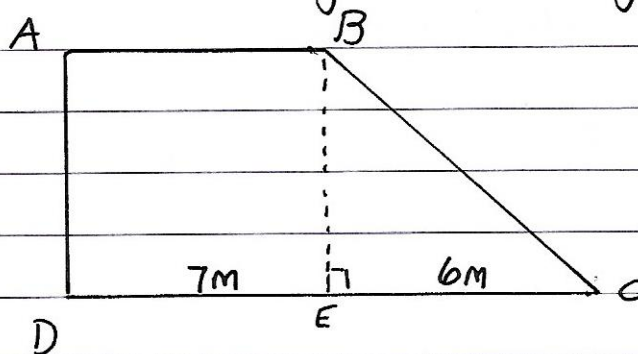
- 1) The area of the rectangle is 56cm^2 . Calculate the width.



- 2) The area of the triangle is 24cm^2 . Calculate the height.



- 3) The diagram shows a trapezium ABCD made up from a rectangle and a triangle placed together.



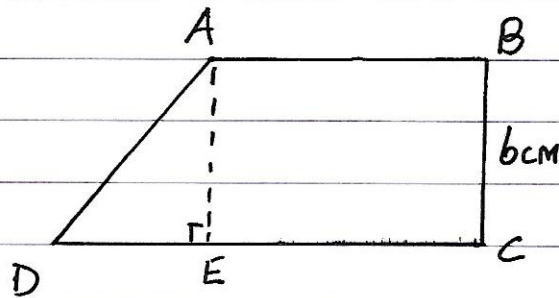
- The area of the triangle is 30m^2 .

a) Find the height of the triangle, BE.

b) Calculate the area of the rectangle ABED.

c) Find the total area of the trapezium.

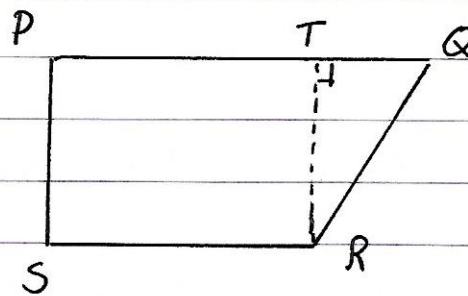
- 4) The diagram shows a trapezium ABCD made up from a rectangle and a triangle stuck together.



- The area of the rectangle is 60cm^2 .
- The length DC is 14cm .

- Calculate the area of triangle ADE.
- Find the total area of the trapezium.

- 5) Trapezium PQRS is made up from a rectangle and a triangle placed together.



- The area of the entire trapezium is 35m^2
- Distance SR is 6m
- Distance PQ is 8m

- Calculate the area of the triangle QRT
- Calculate the area of the rectangle PTSR.

(Remember area of a trapezium $A = \frac{(a+b)h}{2}$)