Area of a trapezium

1.   Work out the area of the trapezium.

NOT DRAWN TO SCALE

7 cm

8 cm

13 cm
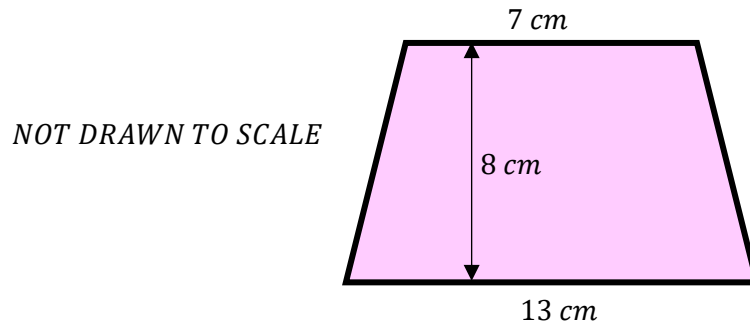
(2 marks)

2.   Work out the area of the trapezium.

9 cm

15 cm

21 cm
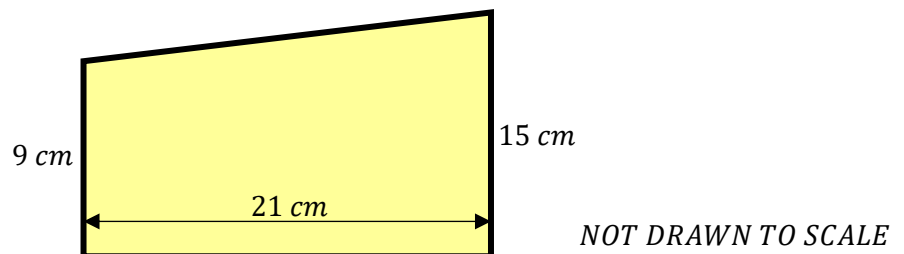
NOT DRAWN TO SCALE

(2 marks)

Area of a trapezium

3.   Calculate the area of the trapezium.

13 mm

7 mm

NOT DRAWN TO SCALE

22 mm

(3 marks)

4.   Below is a trapezium.

13.6 m

9.7 m

NOT DRAWN TO SCALE

6.2 m
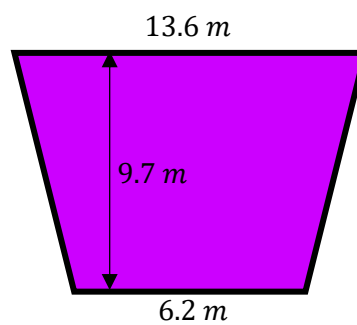
Calculate the area.

(2 marks)

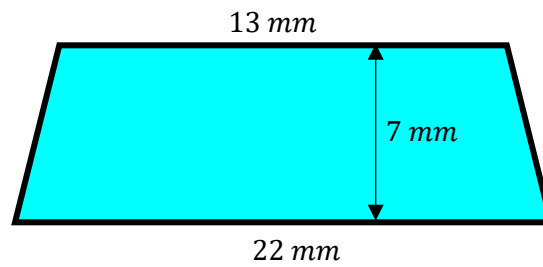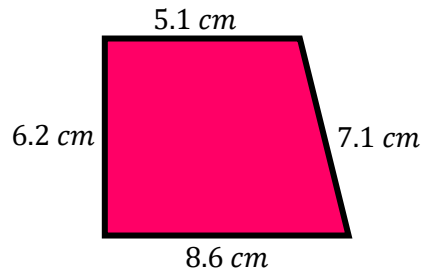# Area of a trapezium

5.   Work out the area of the trapezium.
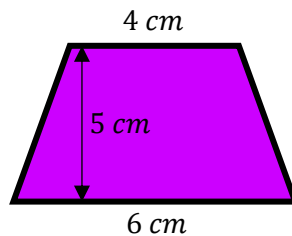

NOT DRAWN TO SCALE

State the units.

(3 marks)

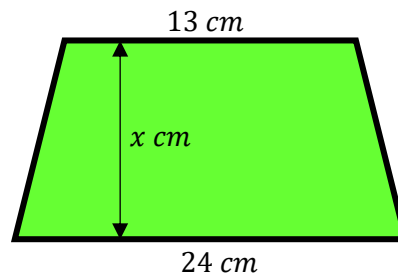6.   Below is a cross section of a prism with length 7 cm.

NOT DRAWN TO SCALE
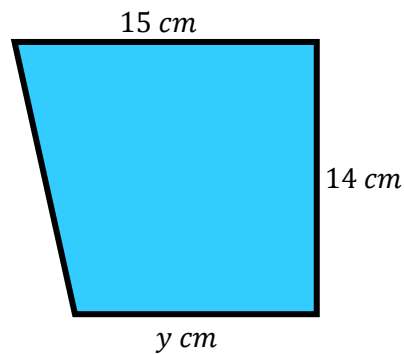
Find the volume.

(3 marks)

Area of a trapezium

7. Below is a trapezium with an area of $148\ cm^2$.
    Find the value of x.

    13 cm

    $x\ cm$

    NOT DRAWN TO SCALE

    24 cm

                                                        (3 marks)

8. The trapezium has an area of $182\ cm^2$.
    Find the value of y.

    15 cm

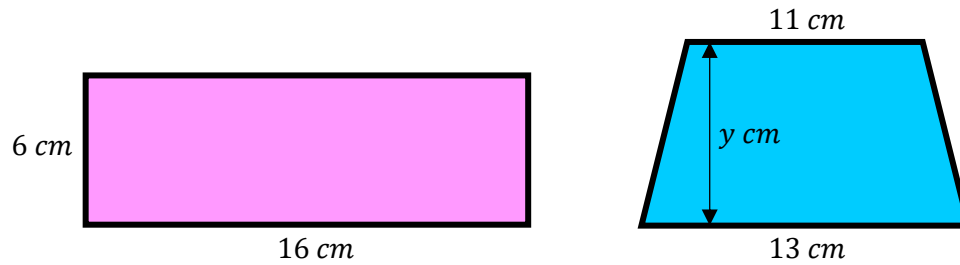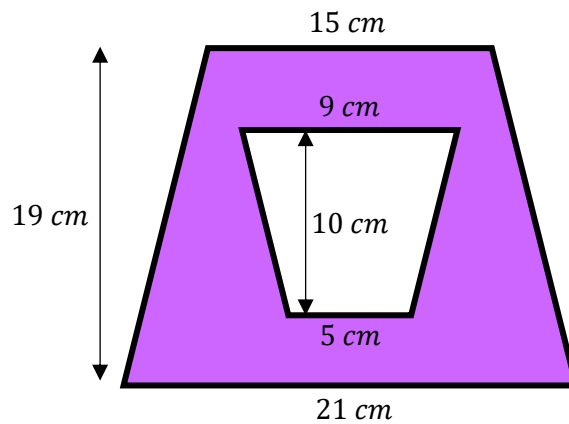   *NOT DRAWN TO SCALE*

    14 cm

    $y\ cm$

                                                        (3 marks)

Area of a trapezium

9. The area of the rectangle is the same as the area of the trapezium.
Find the length of y.

6 cm

16 cm

11 cm

y cm

13 cm

NOT DRAWN TO SCALE

(3 marks)

10. Work out the shaded area.

15 cm

9 cm

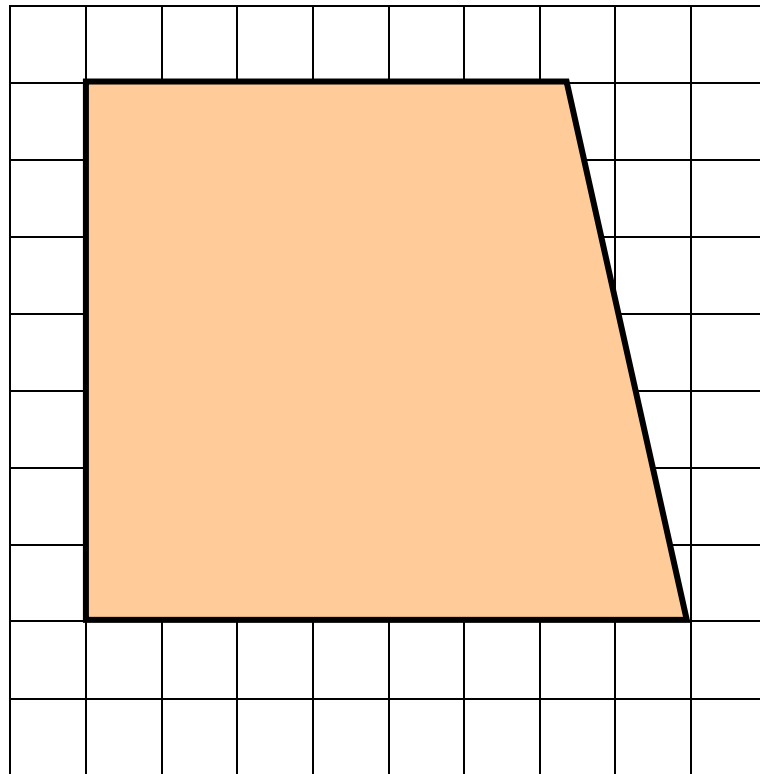19 cm

10 cm

5 cm

21 cm

NOT DRAWN TO SCALE

(3 marks)

Area of a trapezium
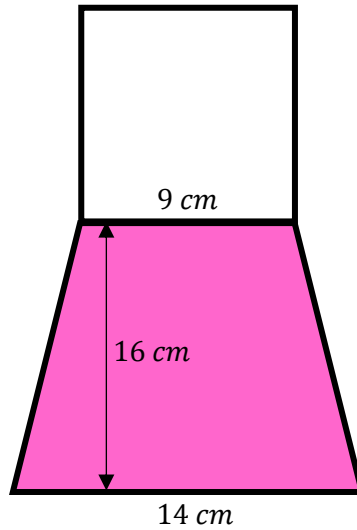
11. Work out the area of the trapezium.

DRAWN TO SCALE

(3 marks)

Area of a trapezium

12.   Below is a logo made with a square and a trapezium.
       Find the total area of the logo.

9 *cm*

NOT DRAWN TO SCALE

16 *cm*

14 *cm*

(4 marks)