

Area of 2D Shapes *fluency*



Find the area of the rectangle

1 7 cm by 4 cm

2 9 cm by 3 cm

3 12 cm by 5 cm

4 6.5 cm by 4 cm

5 2.5 cm by 1.2 cm

6 15 cm by 8 cm



Find the area of the triangle. b is the base, h is the perpendicular height.

7 $b = 8$ cm, $h = 5$ cm

8 $b = 10$ cm, $h = 6$ cm

9 $b = 7$ cm, $h = 4$ cm

10 $b = 9$ cm, $h = 9$ cm

11 $b = 12$ cm, $h = 3.5$ cm

12 $b = 5.5$ cm, $h = 4$ cm



Find the area of the parallelogram. b is the base, h is the perpendicular height.

13 $b = 9$ cm, $h = 4$ cm

14 $b = 11$ cm, $h = 6$ cm

15 $b = 7.5$ cm, $h = 2$ cm

16 $b = 14$ cm, $h = 5$ cm

17 $b = 3.2$ cm, $h = 5$ cm

18 $b = 8$ cm, $h = 2.5$ cm



Find the area of the trapezium. a and b are the parallel sides, h is the height.

19 $a = 5$ cm, $b = 9$ cm, $h = 4$ cm

20 $a = 3$ cm, $b = 7$ cm, $h = 6$ cm

21 $a = 6$ cm, $b = 10$ cm, $h = 5$ cm

22 $a = 4.5$ cm, $b = 8.5$ cm, $h = 2$ cm

23 $a = 12$ cm, $b = 8$ cm, $h = 7$ cm

24 $a = 2$ cm, $b = 9$ cm, $h = 3$ cm



Find the area. b is the base, h is the height. Give your answer in the unit given.

25 rectangle 2.5 m by 80 cm

26 triangle, $b = 60$ cm, $h = 1.5$ m

27 rectangle 4 cm by 15 mm

28 parallelogram, $b = 1.2$ m, $h = 50$ cm

29 triangle, $b = 3$ cm, $h = 12$ mm

30 rectangle 0.5 km by 300 m