Solutions – Area of 2D Shapes (A)

A trapezium has parallel sides 2 cm and 4 cm, and height 2 cm. Find the area.

6 cm^2

A rectangle has length 3 cm and width 4 cm. Find the area.

12 cm^2

A circle has radius 6 cm. Find the area in terms of π.

36π cm^2

A triangle has base 7 cm and height 4 cm. Find the area.

14 cm^2

A circle has radius 8 cm. Find the area in terms of π.

64π cm^2

A rectangle has length 10 cm and width 5 cm. Find the area.

50 cm^2

A trapezium has parallel sides 4 cm and 5 cm, and height 3 cm. Find the area.

13.5 cm^2

Solutions – Area of 2D Shapes (B)

A circle has radius 2 cm. Find the area in terms of π.

4π cm²

A triangle has base 2 cm and height 9 cm. Find the area.

9 cm²

A triangle has base 8 cm and height 2 cm. Find the area.

8 cm²

A circle has radius 4 cm. Find the area in terms of π.

16π cm²

A trapezium has parallel sides 3 cm and 8 cm, and height 2 cm. Find the area.

11 cm²

A rectangle has length 6 cm and width 1 cm. Find the area.

6 cm²

A rectangle has length 3 cm and width 3 cm. Find the area.

9 cm²

Solutions – Area of 2D Shapes (C)

A circle has radius 6 cm. Find the area in terms of π.
36π cm²

A trapezium has parallel sides 4 cm and 6 cm, and height 4 cm. Find the area.
20 cm²

A rectangle has length 3 cm and width 5 cm. Find the area.
15 cm²

A circle has radius 7 cm. Find the area in terms of π.
49π cm²

A rectangle has length 7 cm and width 9 cm. Find the area.
63 cm²

A triangle has base 6 cm and height 9 cm. Find the area.
27 cm²

A triangle has base 7 cm and height 4 cm. Find the area.
14 cm²

Solutions – Area of 2D Shapes (D)

A trapezium has parallel sides 6 cm and 2 cm, and height 8 cm. Find the area.

32 cm²

A trapezium has parallel sides 7 cm and 7 cm, and height 10 cm. Find the area.

70 cm²

A circle has radius 8 cm. Find the area in terms of π.

64π cm²

A circle has radius 1 cm. Find the area in terms of π.

π cm²

A triangle has base 6 cm and height 2 cm. Find the area.

6 cm²

A triangle has base 1 cm and height 9 cm. Find the area.

4.5 cm²

A rectangle has length 10 cm and width 8 cm. Find the area.

80 cm²

Solutions – Area of 2D Shapes (E)

A circle has radius 1 cm. Find the area in terms of π.

π cm²

A trapezium has parallel sides 6 cm and 8 cm, and height 1 cm. Find the area.

7 cm²

A triangle has base 10 cm and height 9 cm. Find the area.

45 cm²

A rectangle has length 9 cm and width 1 cm. Find the area.

9 cm²

A circle has radius 8 cm. Find the area in terms of π.

64π cm²

A trapezium has parallel sides 5 cm and 7 cm, and height 6 cm. Find the area.

36 cm²

A rectangle has length 4 cm and width 5 cm. Find the area.

20 cm²

Solutions – Area of 2D Shapes (F)

A circle has radius 2 cm. Find the area in terms of π.
4π cm²

A trapezium has parallel sides 6 cm and 3 cm, and height 10 cm. Find the area.
45 cm²

A circle has radius 2 cm. Find the area in terms of π.
4π cm²

A triangle has base 2 cm and height 10 cm. Find the area.
10 cm²

A rectangle has length 7 cm and width 5 cm. Find the area.
35 cm²

A triangle has base 10 cm and height 9 cm. Find the area.
45 cm²

A trapezium has parallel sides 5 cm and 10 cm, and height 5 cm. Find the area.
37.5 cm²

Solutions – Area of 2D Shapes (G)

A triangle has base 8 cm and height 5 cm. Find the area.
20 cm²

A circle has radius 6 cm. Find the area in terms of π.
36π cm²

A triangle has base 6 cm and height 8 cm. Find the area.
24 cm²

A trapezium has parallel sides 2 cm and 6 cm, and height 6 cm. Find the area.
24 cm²

A circle has radius 8 cm. Find the area in terms of π.
64π cm²

A trapezium has parallel sides 9 cm and 8 cm, and height 1 cm. Find the area.
8.5 cm²

A rectangle has length 6 cm and width 6 cm. Find the area.
36 cm²

Solutions – Area of 2D Shapes (H)

A triangle has base 5 cm and height 5 cm. Find the area.
12.5 cm^2

A circle has radius 5 cm. Find the area in terms of π.
25π cm^2

A trapezium has parallel sides 10 cm and 8 cm, and height 5 cm. Find the area.
45 cm^2

A rectangle has length 1 cm and width 1 cm. Find the area.
1 cm^2

A circle has radius 4 cm. Find the area in terms of π.
16π cm^2

A trapezium has parallel sides 1 cm and 5 cm, and height 2 cm. Find the area.
6 cm^2

A triangle has base 10 cm and height 5 cm. Find the area.
25 cm^2

Solutions – Area of 2D Shapes (I)

A circle has radius 7 cm. Find the area in terms of π.
49π cm²

A trapezium has parallel sides 7 cm and 5 cm, and height 2 cm. Find the area.
12 cm²

A circle has radius 7 cm. Find the area in terms of π.
49π cm²

A triangle has base 2 cm and height 2 cm. Find the area.
2 cm²

A rectangle has length 7 cm and width 3 cm. Find the area.
21 cm²

A trapezium has parallel sides 8 cm and 9 cm, and height 6 cm. Find the area.
51 cm²

A rectangle has length 4 cm and width 8 cm. Find the area.
32 cm²

Solutions – Area of 2D Shapes (J)

A triangle has base 8 cm and height 2 cm. Find the area.
8 cm²

A trapezium has parallel sides 6 cm and 2 cm, and height 2 cm. Find the area.
8 cm²

A trapezium has parallel sides 4 cm and 9 cm, and height 7 cm. Find the area.
45.5 cm²

A circle has radius 2 cm. Find the area in terms of π.
4π cm²

A rectangle has length 4 cm and width 9 cm. Find the area.
36 cm²

A rectangle has length 8 cm and width 5 cm. Find the area.
40 cm²

A triangle has base 10 cm and height 2 cm. Find the area.
10 cm²