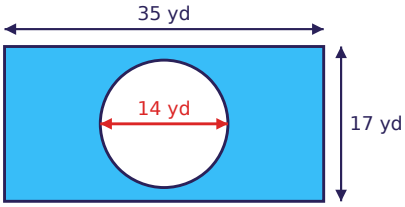
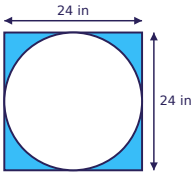
Task card 1 Area of Shaded Regions with Circle...

A circle is cut out of a rectangle. Find the area of the shaded part in square yards.



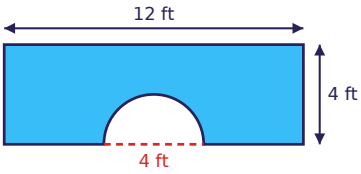
Task card 2 Area of Shaded Regions with Circle...

The circle touches all four sides of the square. Find the area of the shaded corners in square inches.



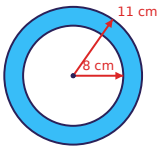
Task card 3 Area of Shaded Regions with Circle...

A semicircle is cut out of the bottom of a rectangle. Find the area of the shaded part in square feet.



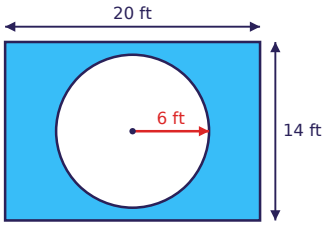
Task card 4 Area of Shaded Regions with Circle...

The shaded ring lies between two circles with the same center. Find the area of the ring in square centimeters.



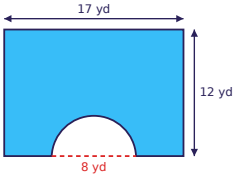
Task card 5 Area of Shaded Regions with Circle...

A circle is cut out of a rectangle. Find the area of the shaded part in square feet.



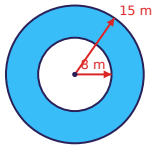
Task card 6 Area of Shaded Regions with Circle...

A semicircle is cut out of the bottom of a rectangle. Find the area of the shaded part in square yards.



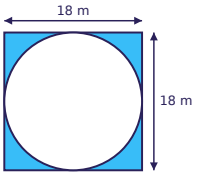
Task card 7 Area of Shaded Regions with Circle...

The shaded ring lies between two circles with the same center. Find the area of the ring in square meters.



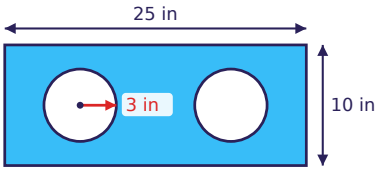
Task card 8 Area of Shaded Regions with Circle...

The circle touches all four sides of the square. Find the area of the shaded corners in square meters.



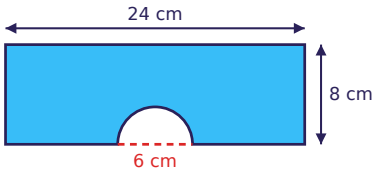
Task card 9 Area of Shaded Regions with Circle...

Two equal circles are cut out of a rectangle. Find the area of the shaded part in square inches.



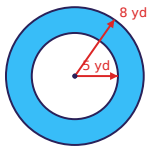
Task card 10 Area of Shaded Regions with Circle...

A semicircle is cut out of the bottom of a rectangle. Find the area of the shaded part in square centimeters.



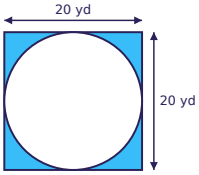
Task card 11 Area of Shaded Regions with Circle...

The shaded ring lies between two circles with the same center. Find the area of the ring in square yards.



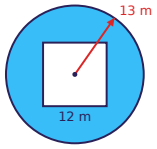
Task card 12 Area of Shaded Regions with Circle...

The circle touches all four sides of the square. Find the area of the shaded corners in square yards.



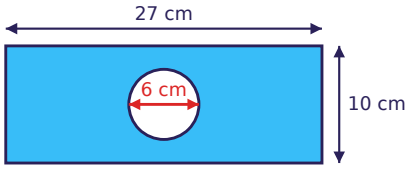
Task card 13 Area of Shaded Regions with Circle...

A square is cut out of the middle of a circle. Find the area of the shaded part in square meters.



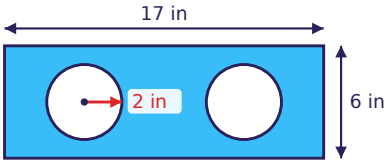
Task card 14 Area of Shaded Regions with Circle...

A circle is cut out of a rectangle. Find the area of the shaded part in square centimeters.



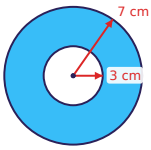
Task card 15 Area of Shaded Regions with Circle...

Two equal circles are cut out of a rectangle. Find the area of the shaded part in square inches.



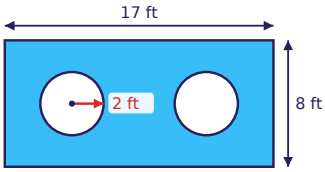
Task card 16 Area of Shaded Regions with Circle...

The shaded ring lies between two circles with the same center. Find the area of the ring in square centimeters.



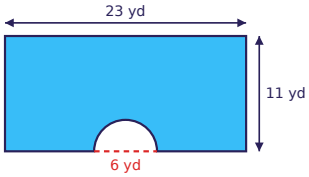
Task card 17 Area of Shaded Regions with Circle...

Two equal circles are cut out of a rectangle. Find the area of the shaded part in square feet.



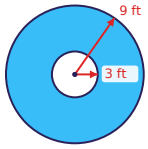
Task card 18 Area of Shaded Regions with Circle...

A semicircle is cut out of the bottom of a rectangle. Find the area of the shaded part in square yards.



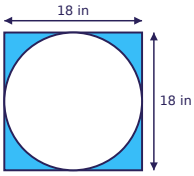
Task card 19 Area of Shaded Regions with Circle...

The shaded ring lies between two circles with the same center. Find the area of the ring in square feet.



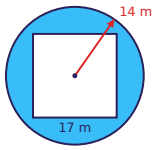
Task card 20 Area of Shaded Regions with Circle...

The circle touches all four sides of the square. Find the area of the shaded corners in square inches.



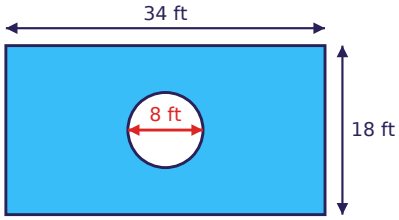
Task card 21 Area of Shaded Regions with Circle...

A square is cut out of the middle of a circle. Find the area of the shaded part in square meters.



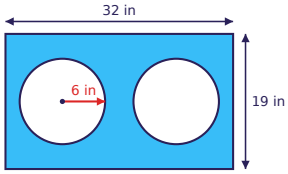
Task card 22 Area of Shaded Regions with Circle...

A circle is cut out of a rectangle. Find the area of the shaded part in square feet.



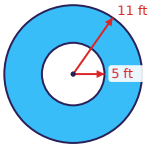
Task card 23 Area of Shaded Regions with Circle...

Two equal circles are cut out of a rectangle. Find the area of the shaded part in square inches.



Task card 24 Area of Shaded Regions with Circle...

The shaded ring lies between two circles with the same center. Find the area of the ring in square feet.



Area of Shaded Regions with Circles Task Cards

Recording sheet · Grade 7 · Find the area of the shaded part. Use π ≈ 3.14 and round to the nearest tenth when needed.

Scan to check your answers

Name: _____ Date: _____

1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16
17	18	19	20
21	22	23	24

Area of Shaded Regions with Circles Task Cards: Answer Key

Grade 7 · Medium

The answers online

1. 441.1	**2.** 123.8	**3.** 41.7
4. 179	**5.** 167	**6.** 178.9
7. 505.5	**8.** 69.7	**9.** 193.5
10. 177.9	**11.** 122.5	**12.** 86
13. 386.7	**14.** 241.7	**15.** 76.9
16. 125.6	**17.** 110.9	**18.** 238.9
19. 226.1	**20.** 69.7	**21.** 326.4
22. 561.8	**23.** 381.9	**24.** 301.4