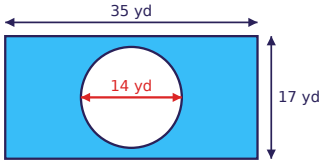
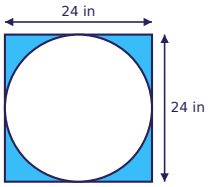
Area of Shaded Regions with Circles · 1

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



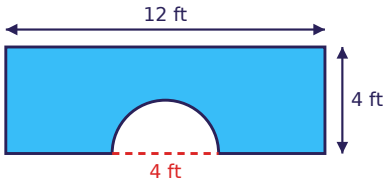
Area of Shaded Regions with Circles · 2

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



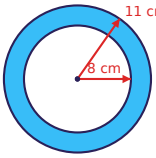
Area of Shaded Regions with Circles · 3

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



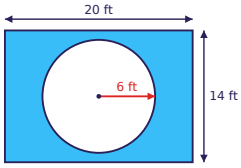
Area of Shaded Regions with Circles · 4

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



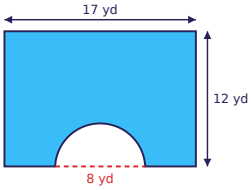
Area of Shaded Regions with Circles · 5

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



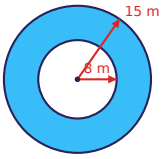
Area of Shaded Regions with Circles · 6

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



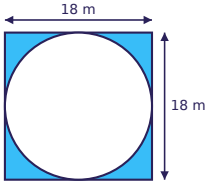
Area of Shaded Regions with Circles · 7

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



Area of Shaded Regions with Circles · 8

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



Area of Shaded Regions with Circles · 2

ANSWER

123.8

Area of Shaded Regions with Circles · 1

ANSWER

441.1

Area of Shaded Regions with Circles · 4

ANSWER

179

Area of Shaded Regions with Circles · 3

ANSWER

41.7

Area of Shaded Regions with Circles · 6

ANSWER

178.9

Area of Shaded Regions with Circles · 5

ANSWER

167

Area of Shaded Regions with Circles · 8

ANSWER

69.7

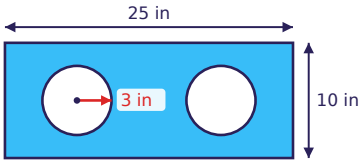
Area of Shaded Regions with Circles · 7

ANSWER

505.5

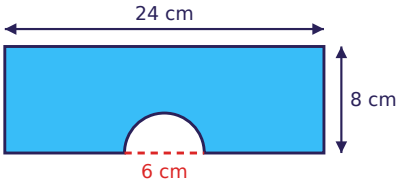
Area of Shaded Regions with Circles · 9

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



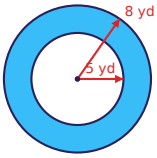
Area of Shaded Regions with Circles · 10

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



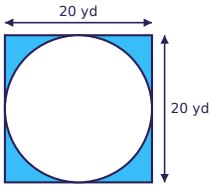
Area of Shaded Regions with Circles · 11

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



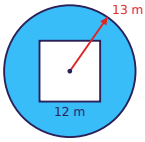
Area of Shaded Regions with Circles · 12

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



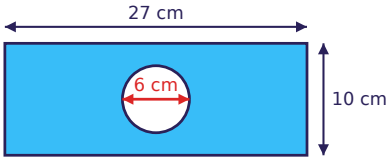
Area of Shaded Regions with Circles · 13

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



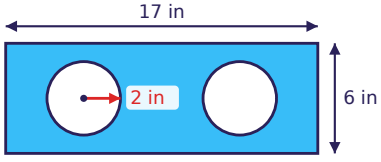
Area of Shaded Regions with Circles · 14

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



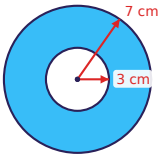
Area of Shaded Regions with Circles · 15

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



Area of Shaded Regions with Circles · 16

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



Area of Shaded Regions with Circles · 10

ANSWER

177.9

Area of Shaded Regions with Circles · 9

ANSWER

193.5

Area of Shaded Regions with Circles · 12

ANSWER

86

Area of Shaded Regions with Circles · 11

ANSWER

122.5

Area of Shaded Regions with Circles · 14

ANSWER

241.7

Area of Shaded Regions with Circles · 13

ANSWER

386.7

Area of Shaded Regions with Circles · 16

ANSWER

125.6

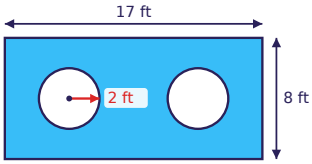
Area of Shaded Regions with Circles · 15

ANSWER

76.9

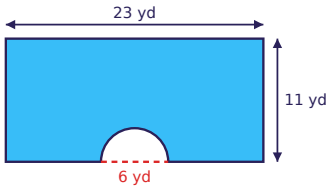
Area of Shaded Regions with Circles · 17

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



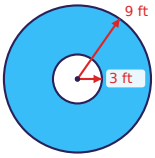
Area of Shaded Regions with Circles · 18

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



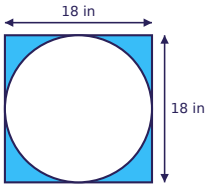
Area of Shaded Regions with Circles · 19

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



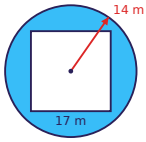
Area of Shaded Regions with Circles · 20

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



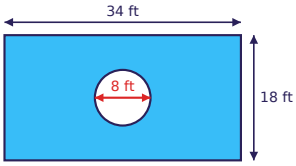
Area of Shaded Regions with Circles · 21

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



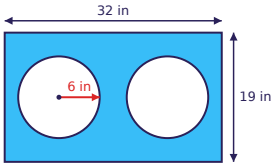
Area of Shaded Regions with Circles · 22

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



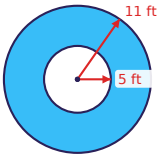
Area of Shaded Regions with Circles · 23

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



Area of Shaded Regions with Circles · 24

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 · 18

ANSWER

238.9

Area of Shaded Regions with Circles · 17

ANSWER

110.9

Area of Shaded Regions with Circles · 20

ANSWER

69.7

Area of Shaded Regions with Circles · 19

ANSWER

226.1

Area of Shaded Regions with Circles · 22

ANSWER

561.8

Area of Shaded Regions with Circles · 21

ANSWER

326.4

Area of Shaded Regions with Circles · 24

ANSWER

301.4

Area of Shaded Regions with Circles · 23

ANSWER

381.9