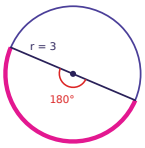
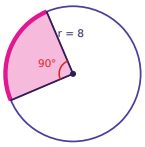
Arc Length & Area of a Sector · 1

Find the length of the highlighted arc. Leave your answer in terms of π.



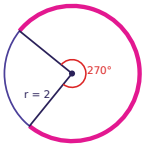
Arc Length & Area of a Sector · 2

Find the area of the shaded sector. Leave your answer in terms of π.



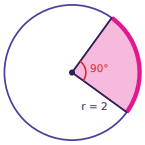
Arc Length & Area of a Sector · 3

Find the length of the highlighted arc. Leave your answer in terms of π.



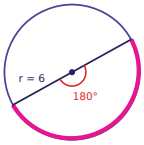
Arc Length & Area of a Sector · 4

Find the area of the shaded sector. Leave your answer in terms of π.



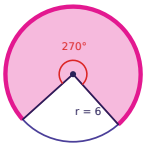
Arc Length & Area of a Sector · 5

Find the length of the highlighted arc. Leave your answer in terms of π.



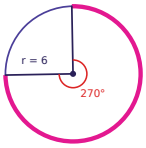
Arc Length & Area of a Sector · 6

Find the area of the shaded sector. Leave your answer in terms of π.



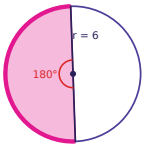
Arc Length & Area of a Sector · 7

Find the length of the highlighted arc. Leave your answer in terms of π.



Arc Length & Area of a Sector · 8

Find the area of the shaded sector. Leave your answer in terms of π.



Arc Length & Area of a Sector · 2

ANSWER

16π

Arc Length & Area of a Sector · 1

ANSWER

3π

Arc Length & Area of a Sector · 4

ANSWER

π

Arc Length & Area of a Sector · 3

ANSWER

3π

Arc Length & Area of a Sector · 6

ANSWER

27π

Arc Length & Area of a Sector · 5

ANSWER

6π

Arc Length & Area of a Sector · 8

ANSWER

18π

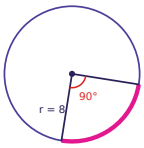
Arc Length & Area of a Sector · 7

ANSWER

9π

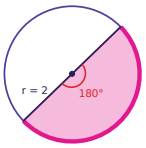
Arc Length & Area of a Sector · 9

Find the length of the highlighted arc. Leave your answer in terms of π.



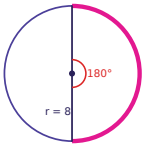
Arc Length & Area of a Sector · 10

Find the area of the shaded sector. Leave your answer in terms of π.



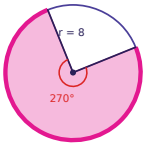
Arc Length & Area of a Sector · 11

Find the length of the highlighted arc. Leave your answer in terms of π.



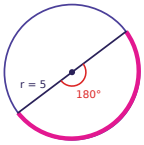
Arc Length & Area of a Sector · 12

Find the area of the shaded sector. Leave your answer in terms of π.



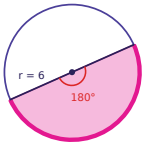
Arc Length & Area of a Sector · 13

Find the length of the highlighted arc. Leave your answer in terms of π.



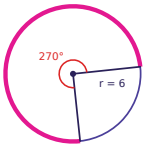
Arc Length & Area of a Sector · 14

Find the area of the shaded sector. Leave your answer in terms of π.



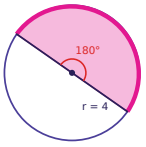
Arc Length & Area of a Sector · 15

Find the length of the highlighted arc. Leave your answer in terms of π.



Arc Length & Area of a Sector · 16

Find the area of the shaded sector. Leave your answer in terms of π.



Arc Length & Area of a Sector · 10

ANSWER

2π

Arc Length & Area of a Sector · 9

ANSWER

4π

Arc Length & Area of a Sector · 12

ANSWER

48π

Arc Length & Area of a Sector · 11

ANSWER

8π

Arc Length & Area of a Sector · 14

ANSWER

18π

Arc Length & Area of a Sector · 13

ANSWER

5π

Arc Length & Area of a Sector · 16

ANSWER

8π

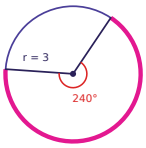
Arc Length & Area of a Sector · 15

ANSWER

9π

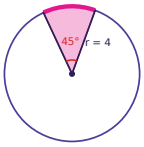
Arc Length & Area of a Sector · 17

Find the length of the highlighted arc. Leave your answer in terms of π.



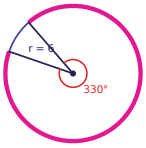
Arc Length & Area of a Sector · 18

Find the area of the shaded sector. Leave your answer in terms of π.



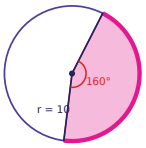
Arc Length & Area of a Sector · 19

Find the length of the highlighted arc. Use π ≈ 3.14 and round to the nearest tenth.



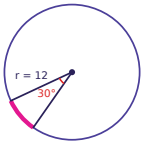
Arc Length & Area of a Sector · 20

Find the area of the shaded sector. Use π ≈ 3.14 and round to the nearest tenth.



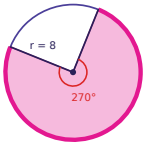
Arc Length & Area of a Sector · 21

Find the length of the highlighted arc. Leave your answer in terms of π.



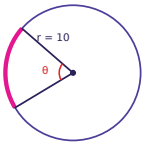
Arc Length & Area of a Sector · 22

Find the area of the shaded sector. Leave your answer in terms of π.



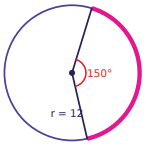
Arc Length & Area of a Sector · 23

The highlighted arc has length 4π and the radius is 10. Find the central angle θ.



Arc Length & Area of a Sector · 24

Find the length of the highlighted arc. Leave your answer in terms of π.



Arc Length & Area of a Sector · 18

ANSWER

2π

Arc Length & Area of a Sector · 17

ANSWER

4π

Arc Length & Area of a Sector · 20

ANSWER

139.6

Arc Length & Area of a Sector · 19

ANSWER

34.5

Arc Length & Area of a Sector · 22

ANSWER

48π

Arc Length & Area of a Sector · 21

ANSWER

2π

Arc Length & Area of a Sector · 24

ANSWER

10π

Arc Length & Area of a Sector · 23

ANSWER

72°