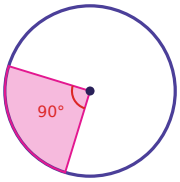
Geometric Probability · 1

A point is chosen at random on AD. Find the probability that it lies on CD.



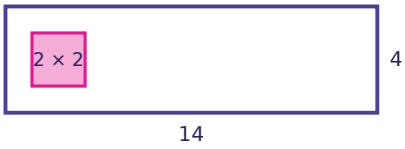
Geometric Probability · 2

The shaded sector of the spinner has a central angle of 90°. Find the probability that the spinner lands in the shaded sector.



Geometric Probability · 3

A point is chosen at random inside the large rectangle. Find the probability that it lies in the shaded rectangle.



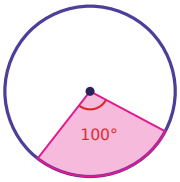
Geometric Probability · 4

A point is chosen at random on AD. Find the probability that it lies on CD.



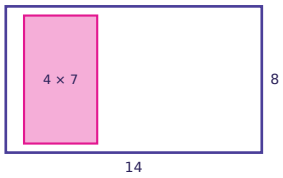
Geometric Probability · 5

The shaded sector of the spinner has a central angle of 100°. Find the probability that the spinner lands in the shaded sector.



Geometric Probability · 6

A point is chosen at random inside the large rectangle. Find the probability that it lies in the shaded rectangle.



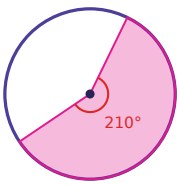
Geometric Probability · 7

A point is chosen at random on AD. Find the probability that it lies on AB.



Geometric Probability · 8

The shaded sector of the spinner has a central angle of 210°. Find the probability that the spinner lands in the shaded sector.



Geometric Probability · 2

ANSWER

$$\frac{1}{4}$$

Geometric Probability · 1

ANSWER

$$\frac{5}{11}$$

Geometric Probability · 4

ANSWER

$$\frac{1}{4}$$

Geometric Probability · 3

ANSWER

$$\frac{1}{14}$$

Geometric Probability · 6

ANSWER

$$\frac{1}{4}$$

Geometric Probability · 5

ANSWER

$$\frac{5}{18}$$

Geometric Probability · 8

ANSWER

$$\frac{7}{12}$$

Geometric Probability · 7

ANSWER

$$\frac{1}{4}$$

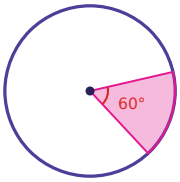
Geometric Probability · 9

A point is chosen at random on AD. Find the probability that it lies on CD.



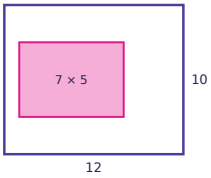
Geometric Probability · 10

The shaded sector of the spinner has a central angle of 60°. Find the probability that the spinner lands in the shaded sector.



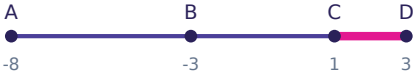
Geometric Probability · 11

A point is chosen at random inside the large rectangle. Find the probability that it lies in the shaded rectangle.



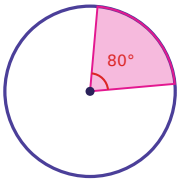
Geometric Probability · 12

A point is chosen at random on AD. Find the probability that it lies on CD.



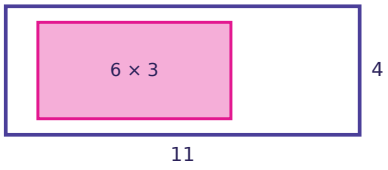
Geometric Probability · 13

The shaded sector of the spinner has a central angle of 80°. Find the probability that the spinner lands in the shaded sector.



Geometric Probability · 14

A point is chosen at random inside the large rectangle. Find the probability that it lies in the shaded rectangle.



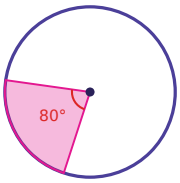
Geometric Probability · 15

A point is chosen at random on AD. Find the probability that it lies on CD.



Geometric Probability · 16

The shaded sector of the spinner has a central angle of 80°. Find the probability that the spinner lands in the shaded sector.



Geometric Probability · 10

ANSWER

$\frac{1}{6}$

Geometric Probability · 9

ANSWER

$\frac{3}{11}$

Geometric Probability · 12

ANSWER

$\frac{2}{11}$

Geometric Probability · 11

ANSWER

$\frac{7}{24}$

Geometric Probability · 14

ANSWER

$\frac{9}{22}$

Geometric Probability · 13

ANSWER

$\frac{2}{9}$

Geometric Probability · 16

ANSWER

$\frac{2}{9}$

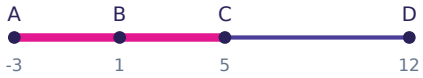
Geometric Probability · 15

ANSWER

$\frac{2}{5}$

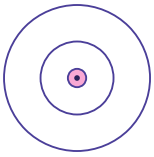
Geometric Probability · 17

A point is chosen at random on AD. Find the probability that it lies on AC.



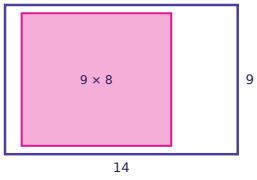
Geometric Probability · 18

A dart lands at a random point on the circular target. The circles have radii 1, 4 and 8. Find the probability that it lands in the shaded center circle.



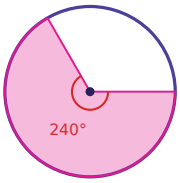
Geometric Probability · 19

A point is chosen at random inside the large rectangle. Find the probability that it lies in the shaded rectangle.



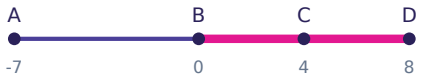
Geometric Probability · 20

The shaded sector of the spinner has a central angle of 240°. Find the probability that the spinner lands in the shaded sector.



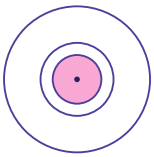
Geometric Probability · 21

A point is chosen at random on AD. Find the probability that it lies on BD.



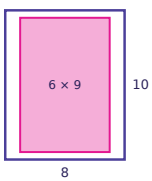
Geometric Probability · 22

A dart lands at a random point on the circular target. The circles have radii 2, 3 and 6. Find the probability that it lands in the shaded center circle.



Geometric Probability · 23

A point is chosen at random inside the large rectangle. Find the probability that it lies in the shaded rectangle.



Geometric Probability · 24

A point is chosen at random on AD. Find the probability that it lies on BC.



Geometric Probability · 18

ANSWER

$$\frac{1}{64}$$

Geometric Probability · 17

ANSWER

$$\frac{8}{15}$$

Geometric Probability · 20

ANSWER

$$\frac{2}{3}$$

Geometric Probability · 19

ANSWER

$$\frac{4}{7}$$

Geometric Probability · 22

ANSWER

$$\frac{1}{9}$$

Geometric Probability · 21

ANSWER

$$\frac{8}{15}$$

Geometric Probability · 24

ANSWER

$$\frac{2}{11}$$

Geometric Probability · 23

ANSWER

$$\frac{27}{40}$$