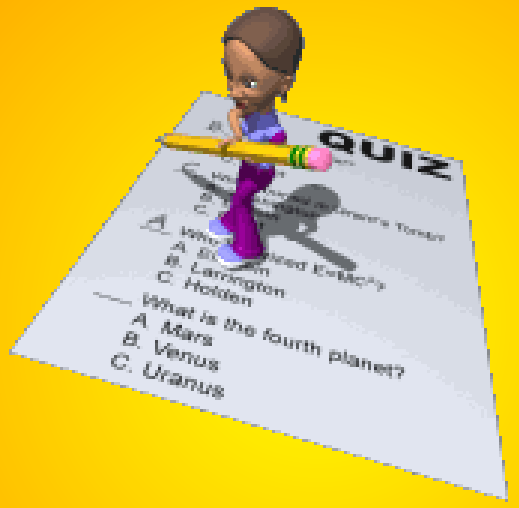
Wheel of Fortune

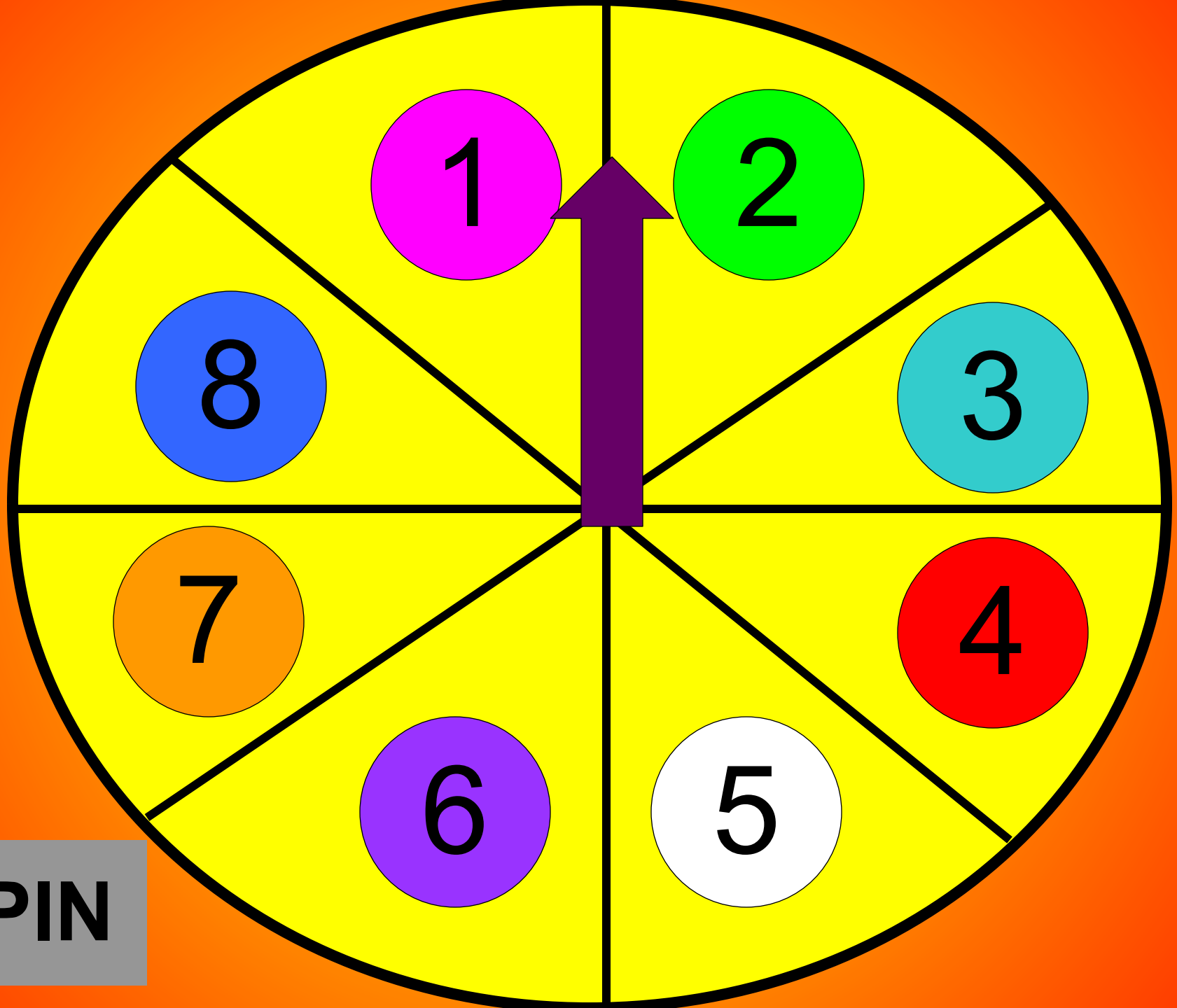


Whole Class Review Activity

Geometry

Directions:

1. Review questions have been written.
2. Click the Spin Button.
3. When the wheel stops, click to view the question.
4. Groups discuss answer and post their solution.
5. Groups with the right answer get that number of points.
6. After the question is discussed, click to check the answer.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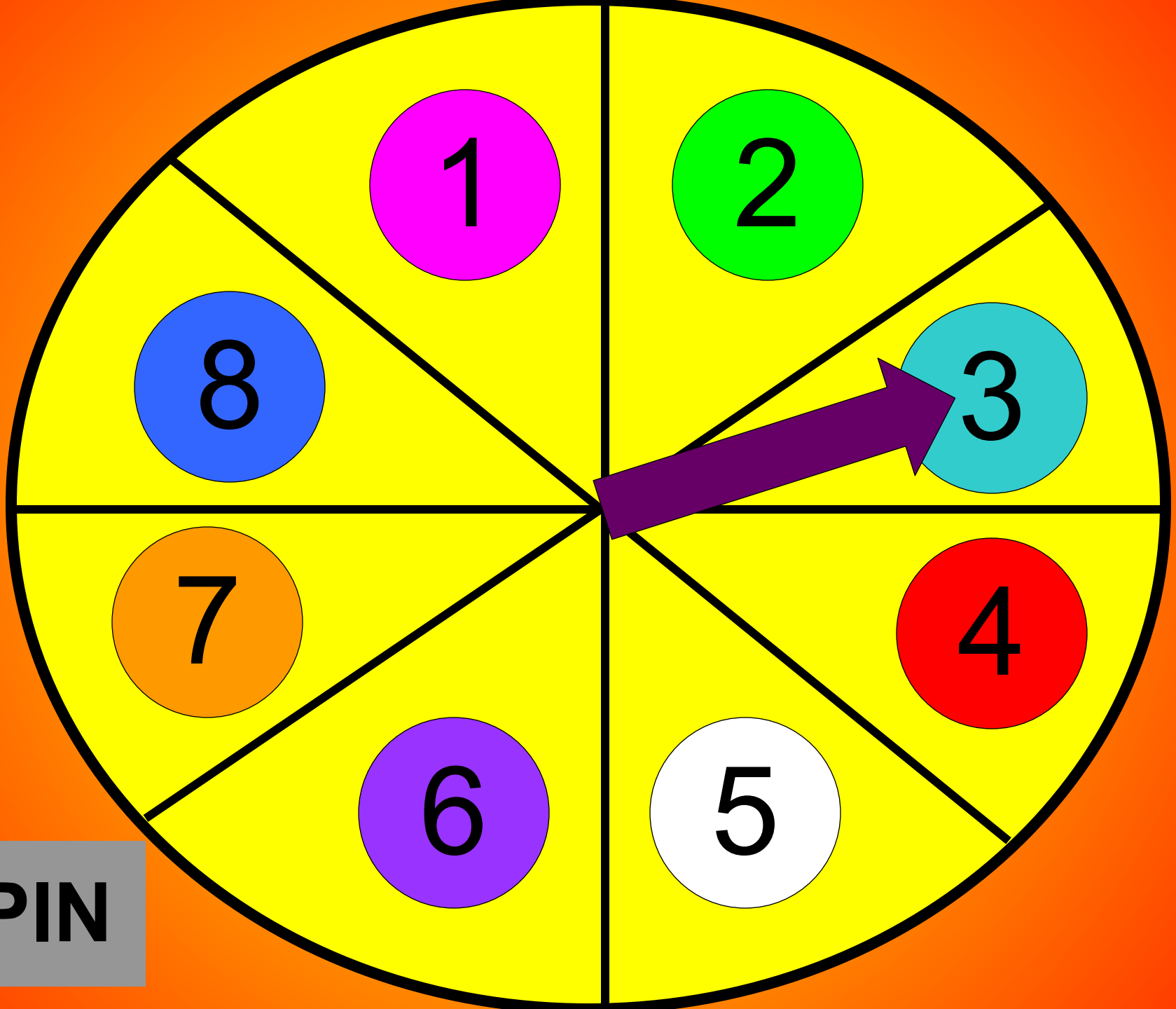
SPIN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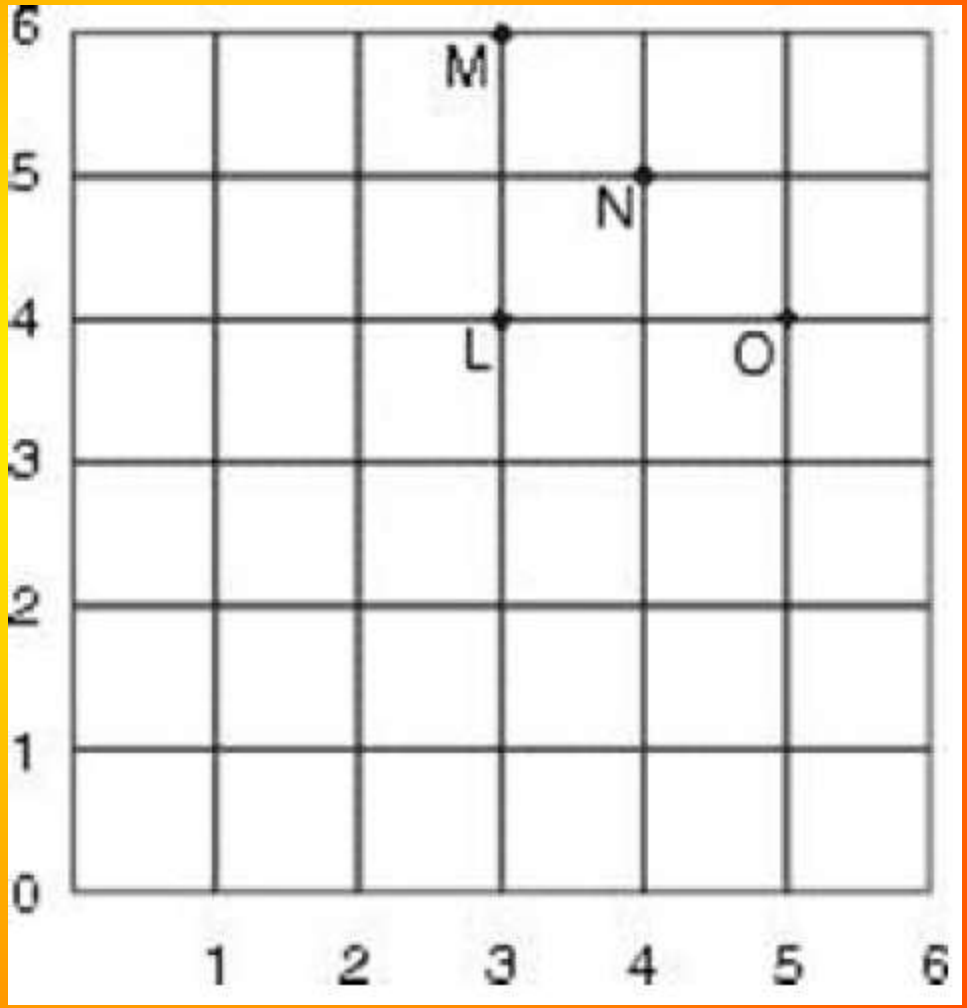
SPIN

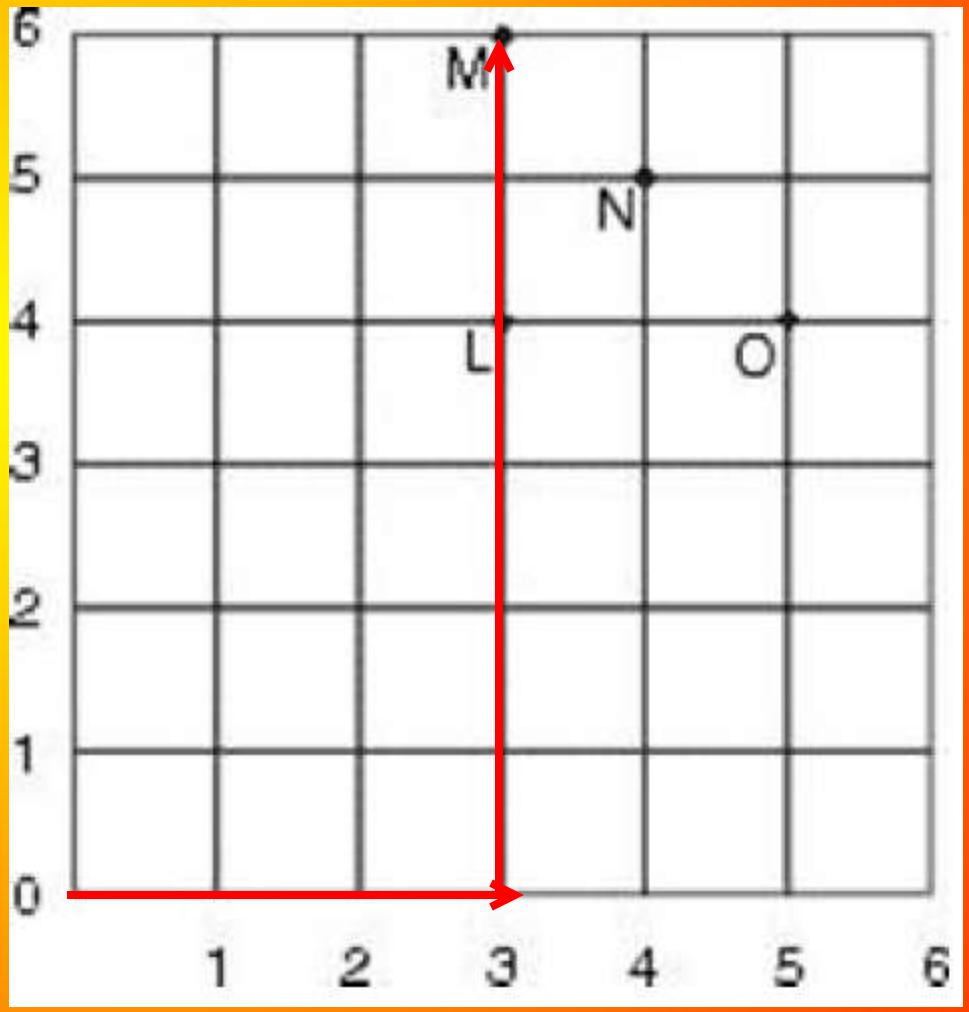
Look at the grid below. What is the ordered pair at point M?



A. (3, 4)
B. (3, 6)
C. (4, 5)
D. (5, 4)

Look at the grid below. What is the ordered pair at point M?

Across 3, up 6

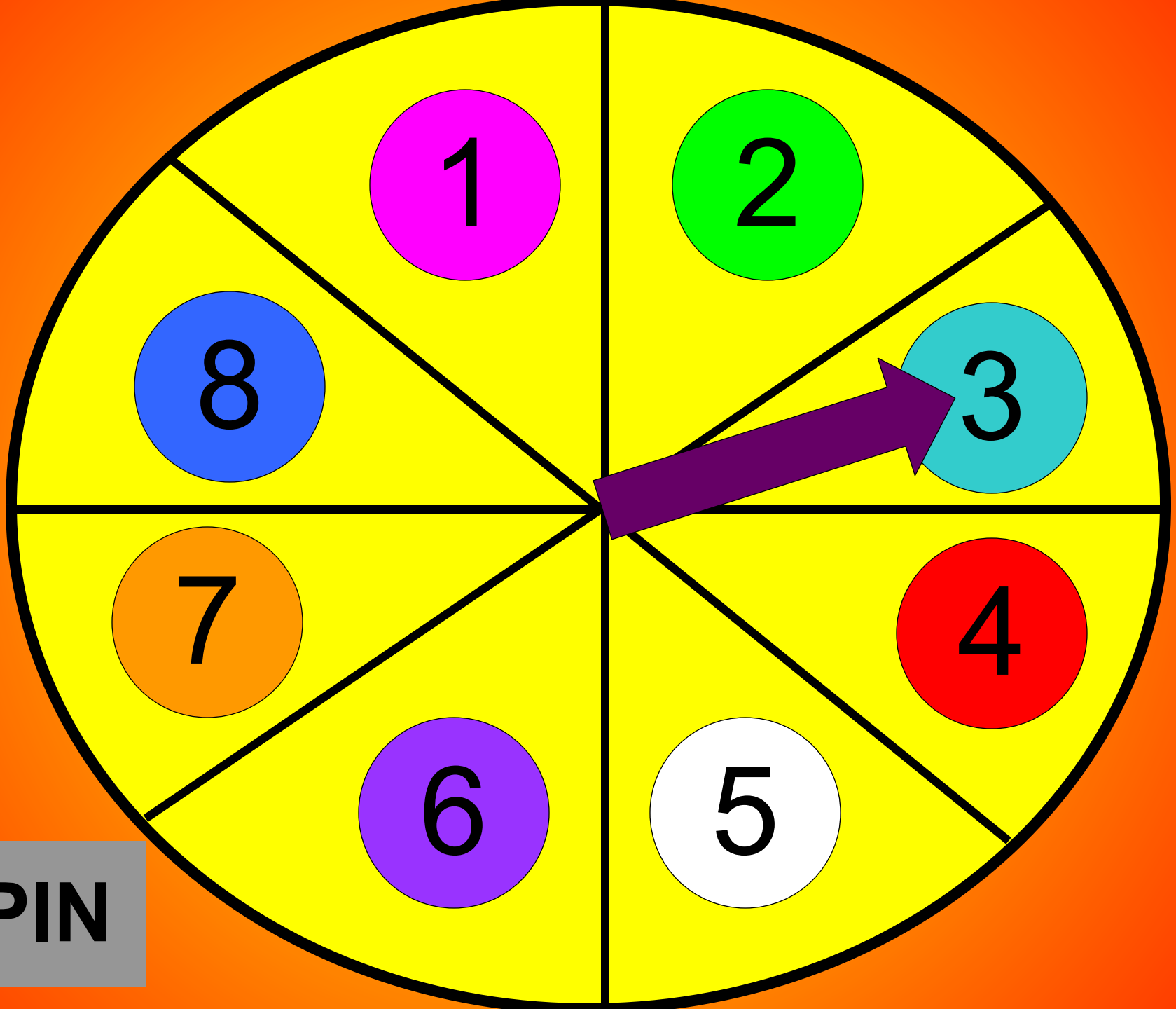


A. (3, 4)

B. (3, 6)

C. (4, 5)

D. (5, 4)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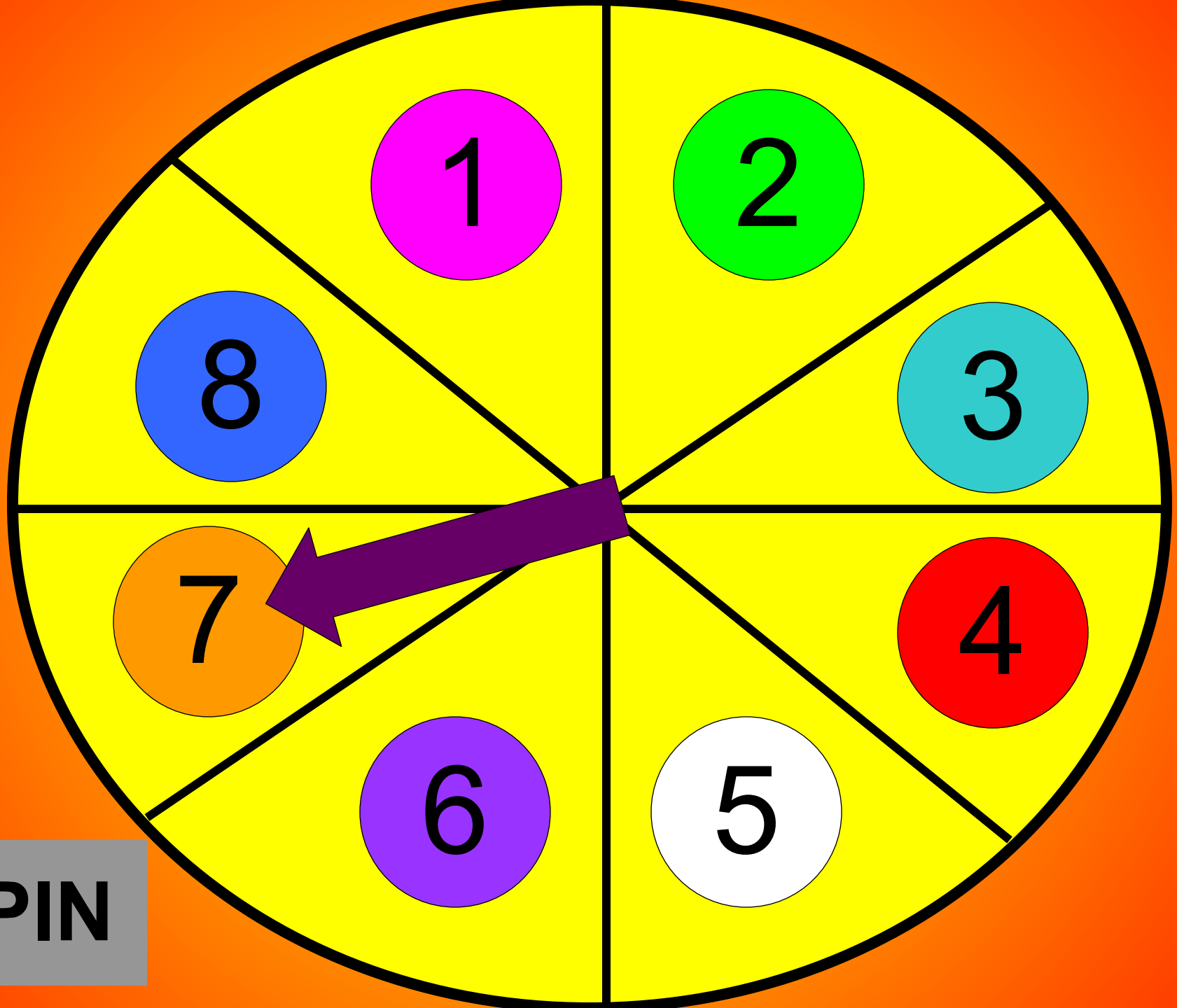
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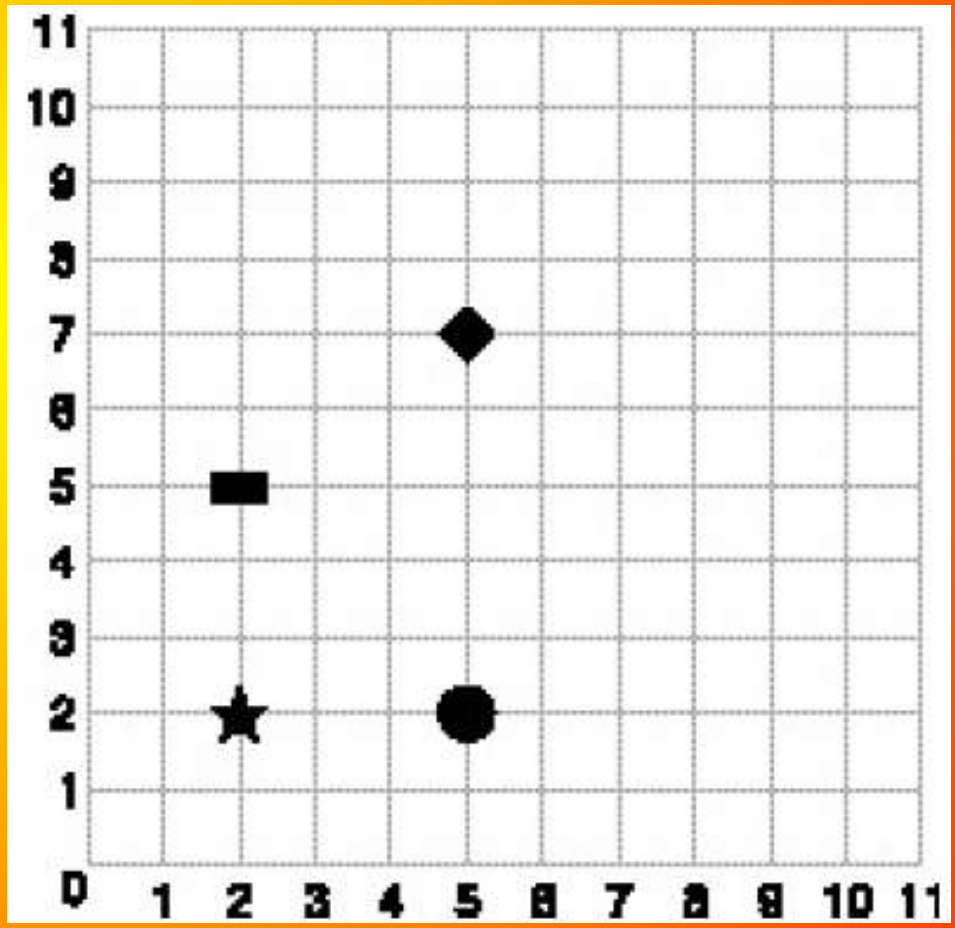
SPIN

Use the graph below to answer this question.
Which shape is located at (5,2)?

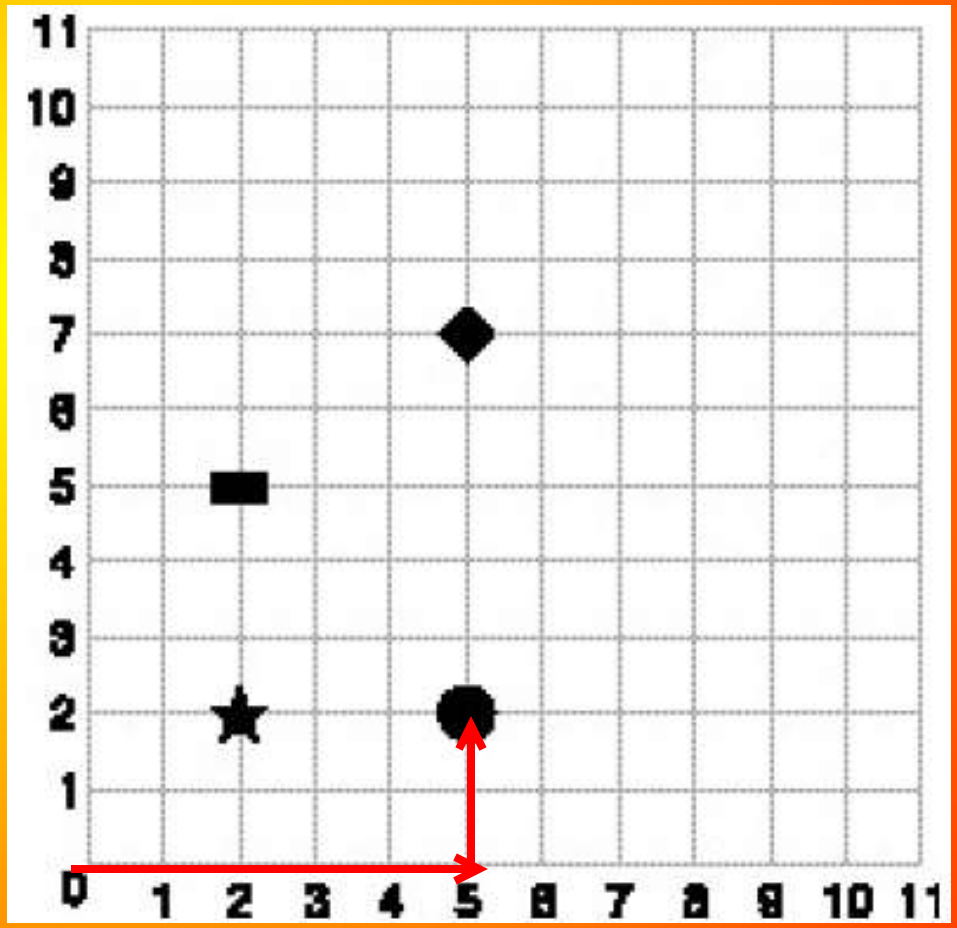


A. circle
B. rectangle
C. star
D. diamond

Use the graph below to answer this question.

Which shape is located at (5,2)?

Across 5, up 2

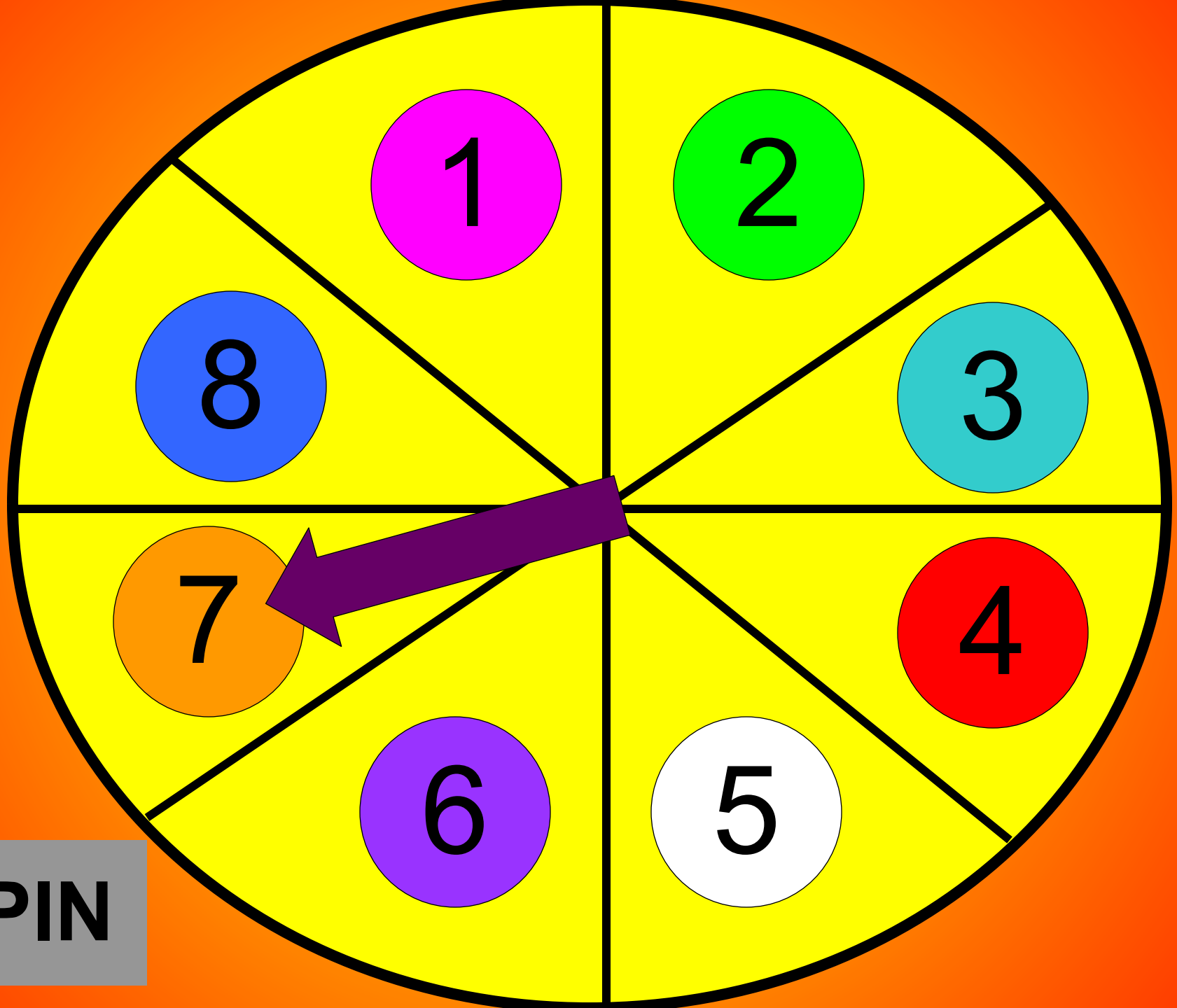


A. circle

B. rectangle

C. star

D. diamond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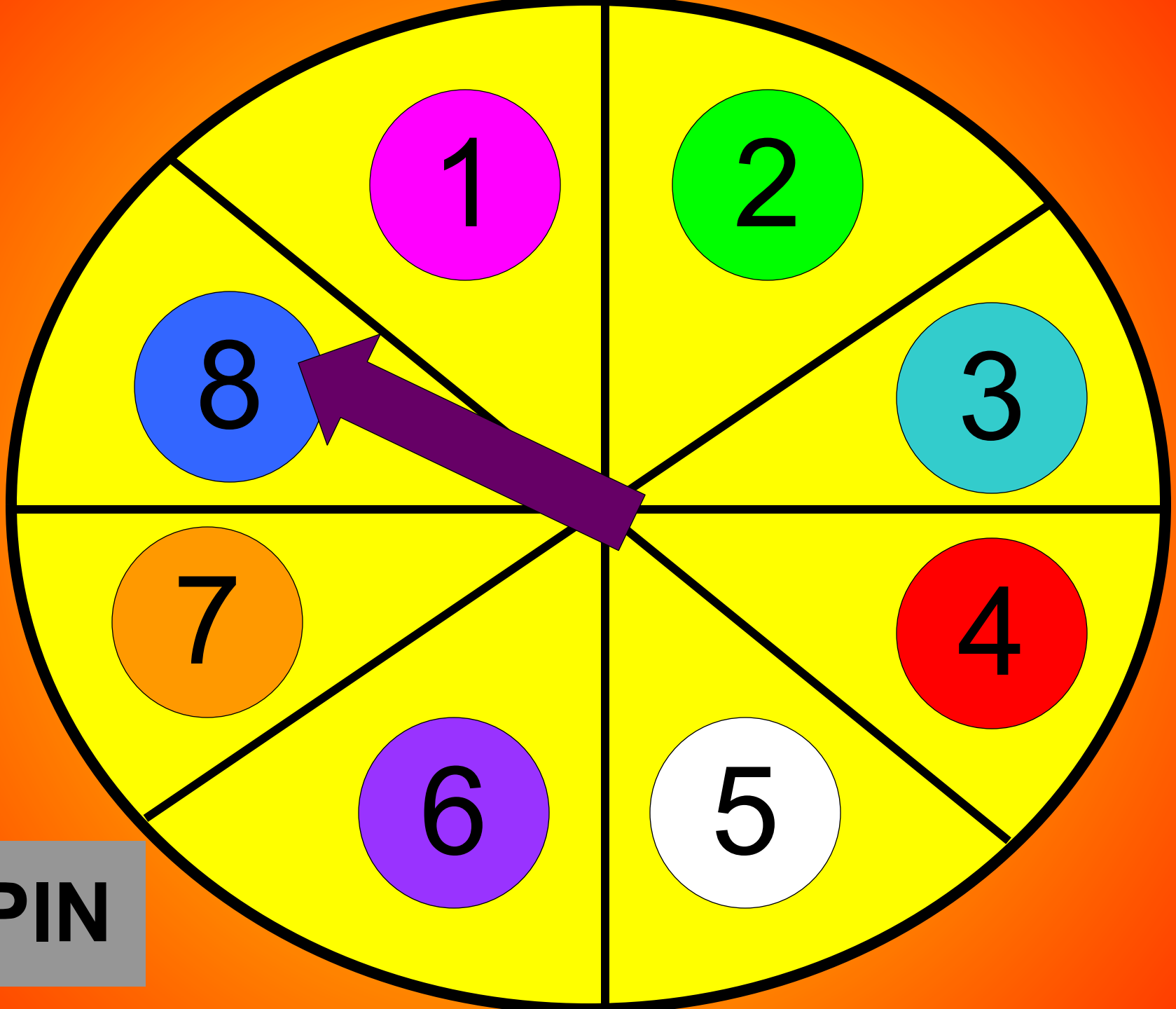
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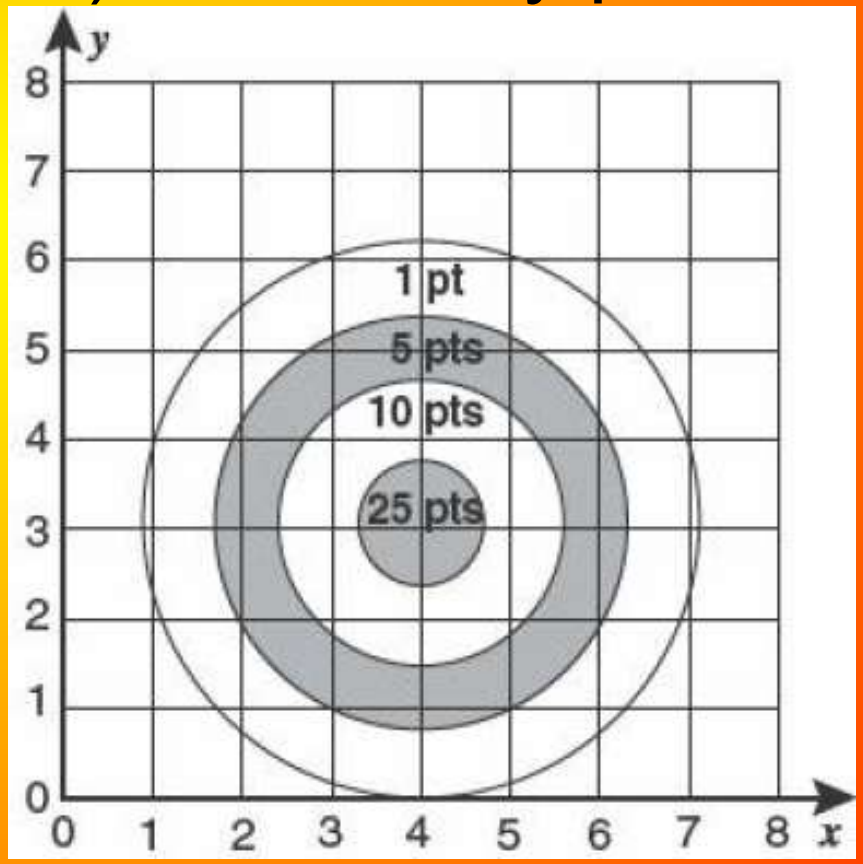
SPIN

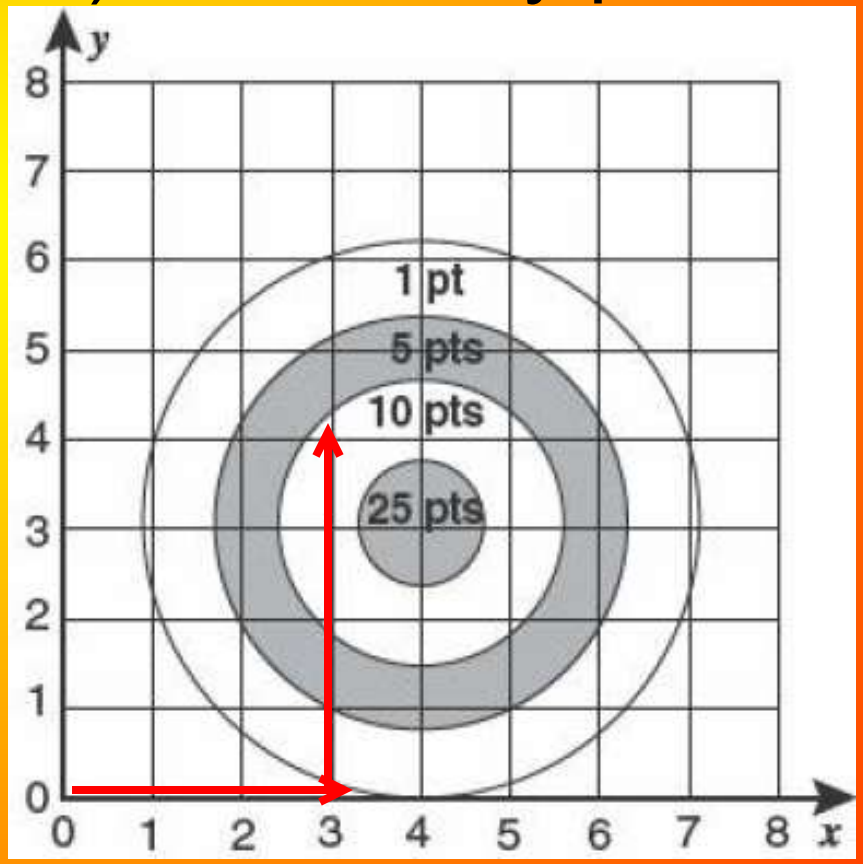
The figure below shows a coordinate grid placed over an archery target. Each ring of the target is labeled with the number of points the player will earn if an arrow lands in that ring. Lyle's arrow landed at (3, 4). How many points should he have earned with that arrow?



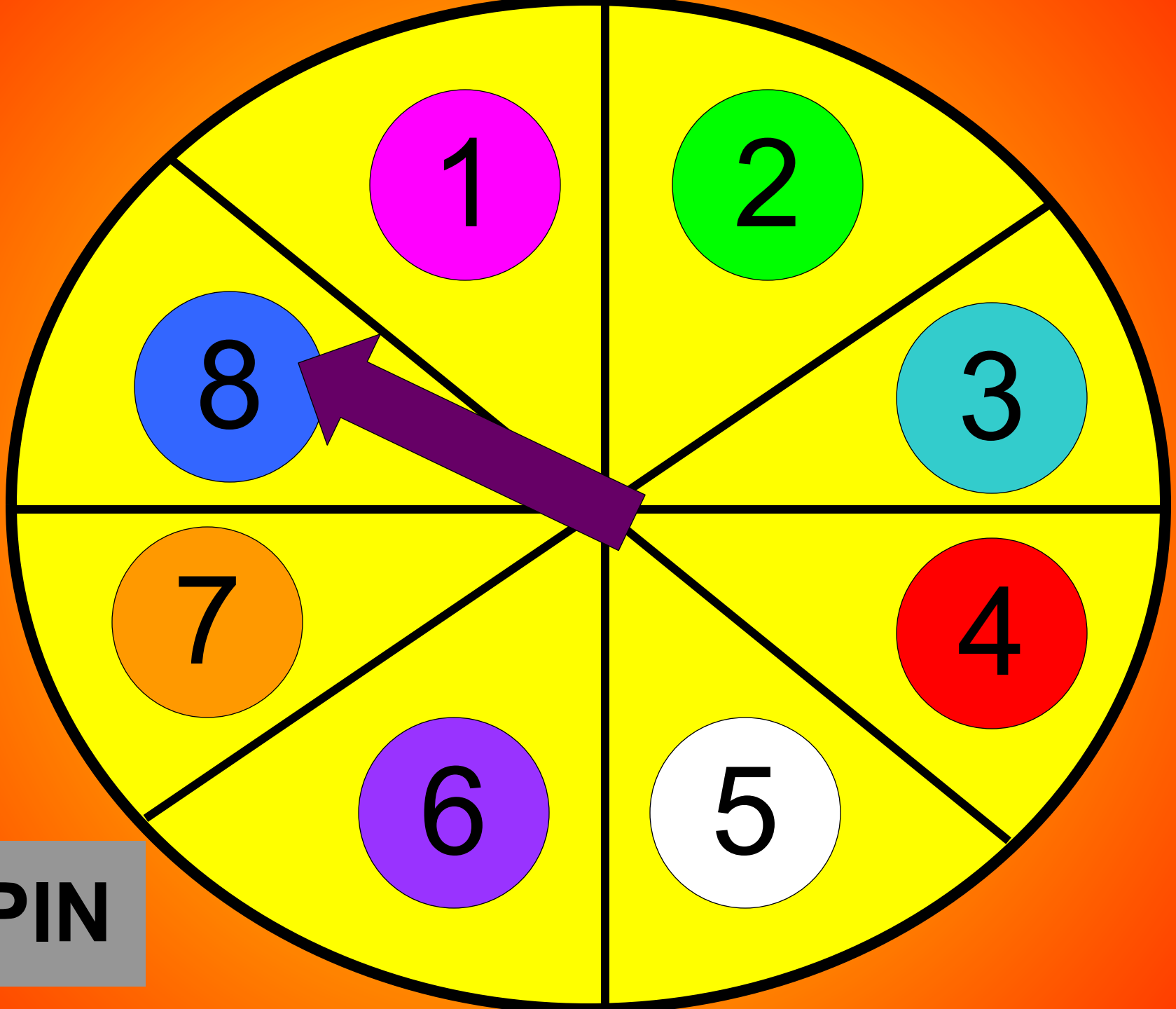
A. 1
B. 5
C. 10
D. 25

The figure below shows a coordinate grid placed over an archery target. Each ring of the target is labeled with the number of points the player will earn if an arrow lands in that ring. Lyle's arrow landed at (3, 4). How many points should he have earned with that arrow?

Across 3, up 4



A. 1
B. 5
C. 10
D. 25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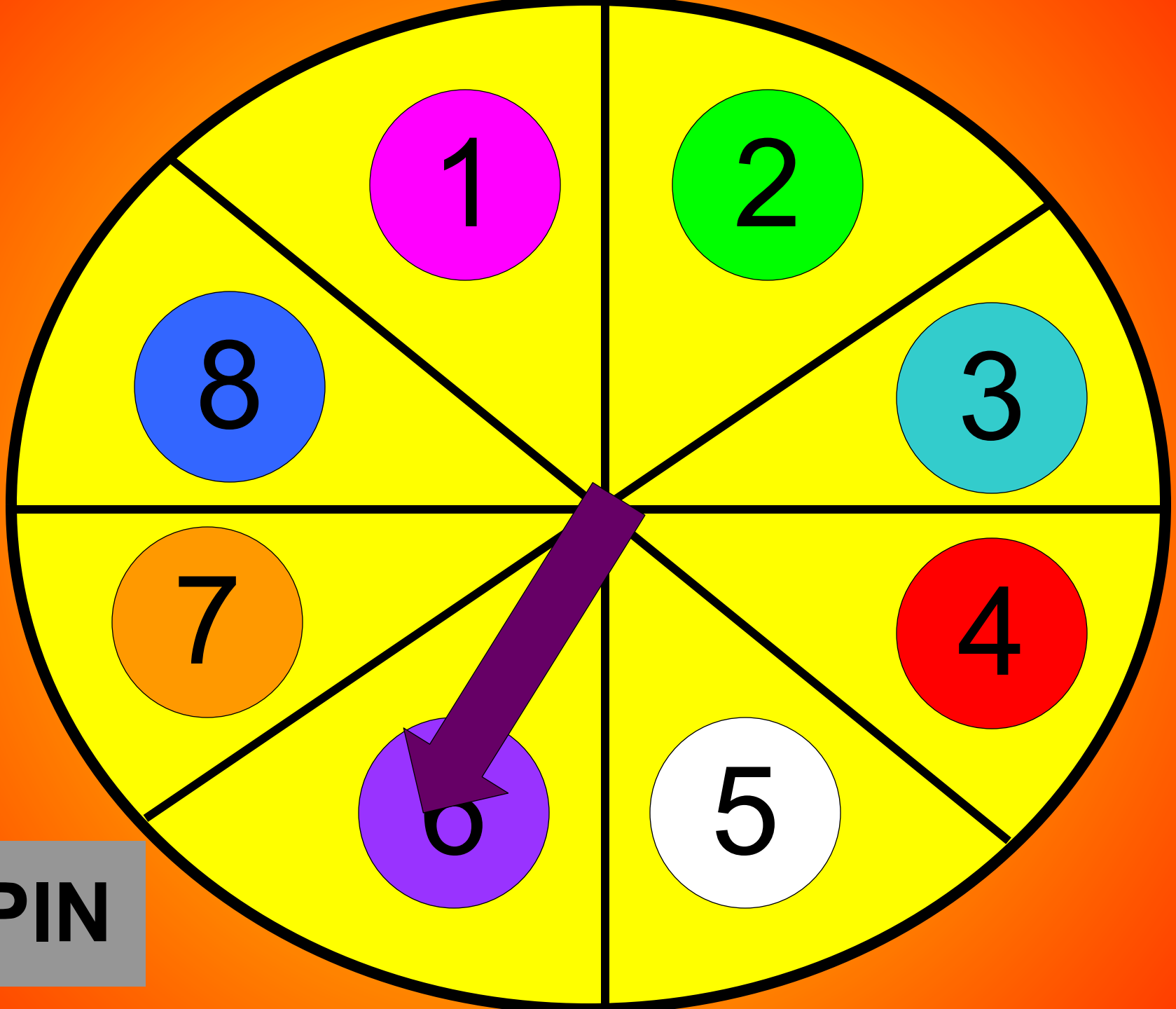
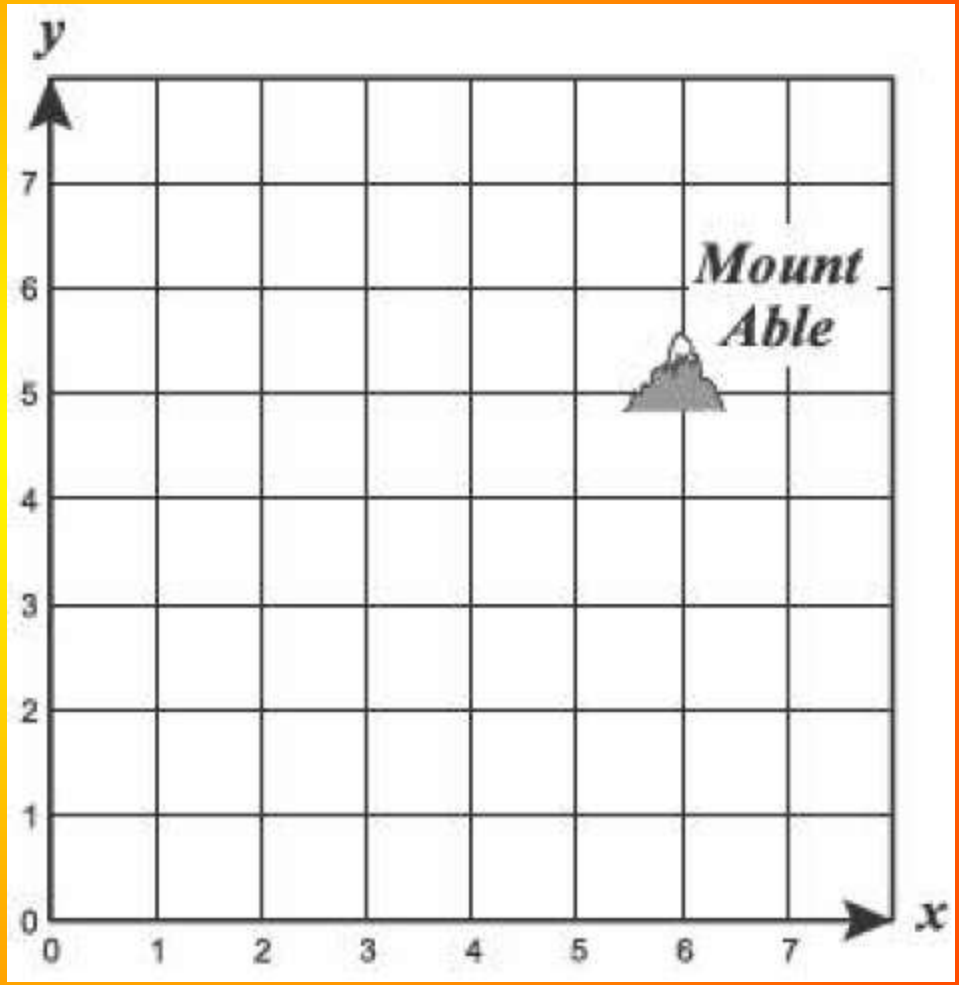
SPIN



SPIN

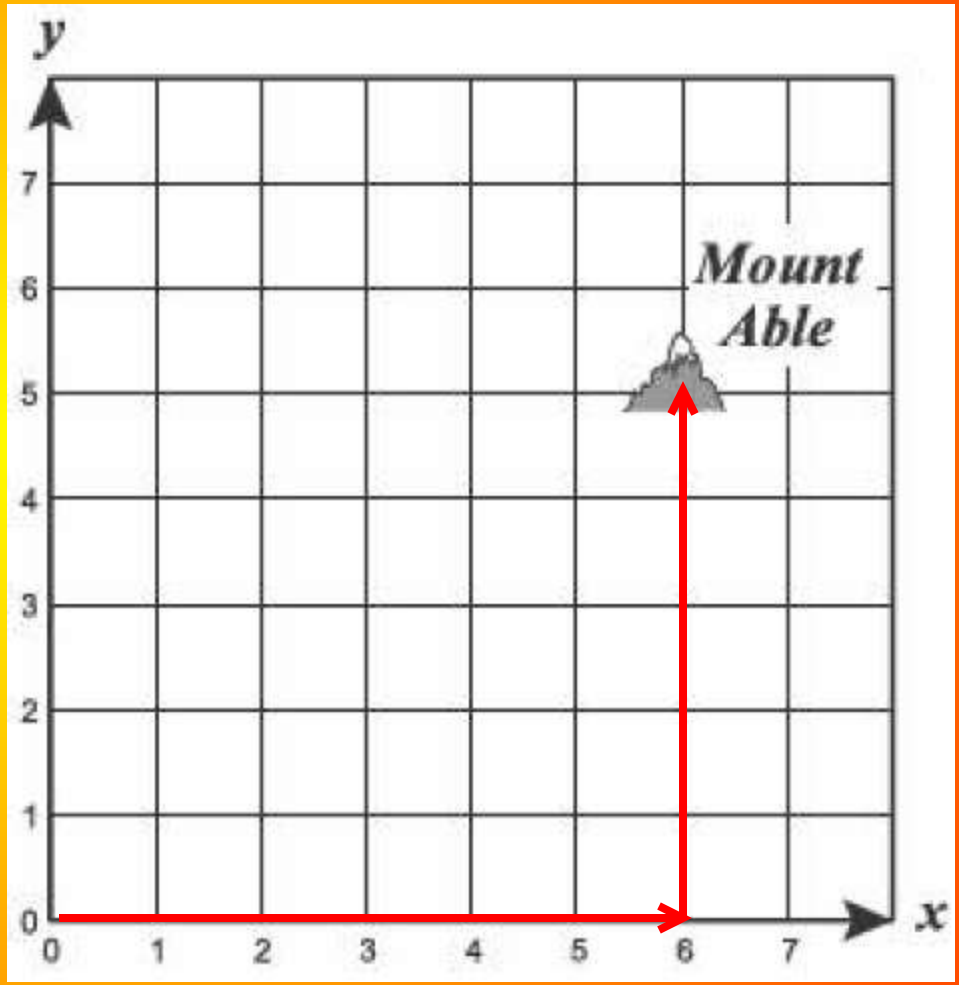
Which coordinates best describe the location of Mount Able?



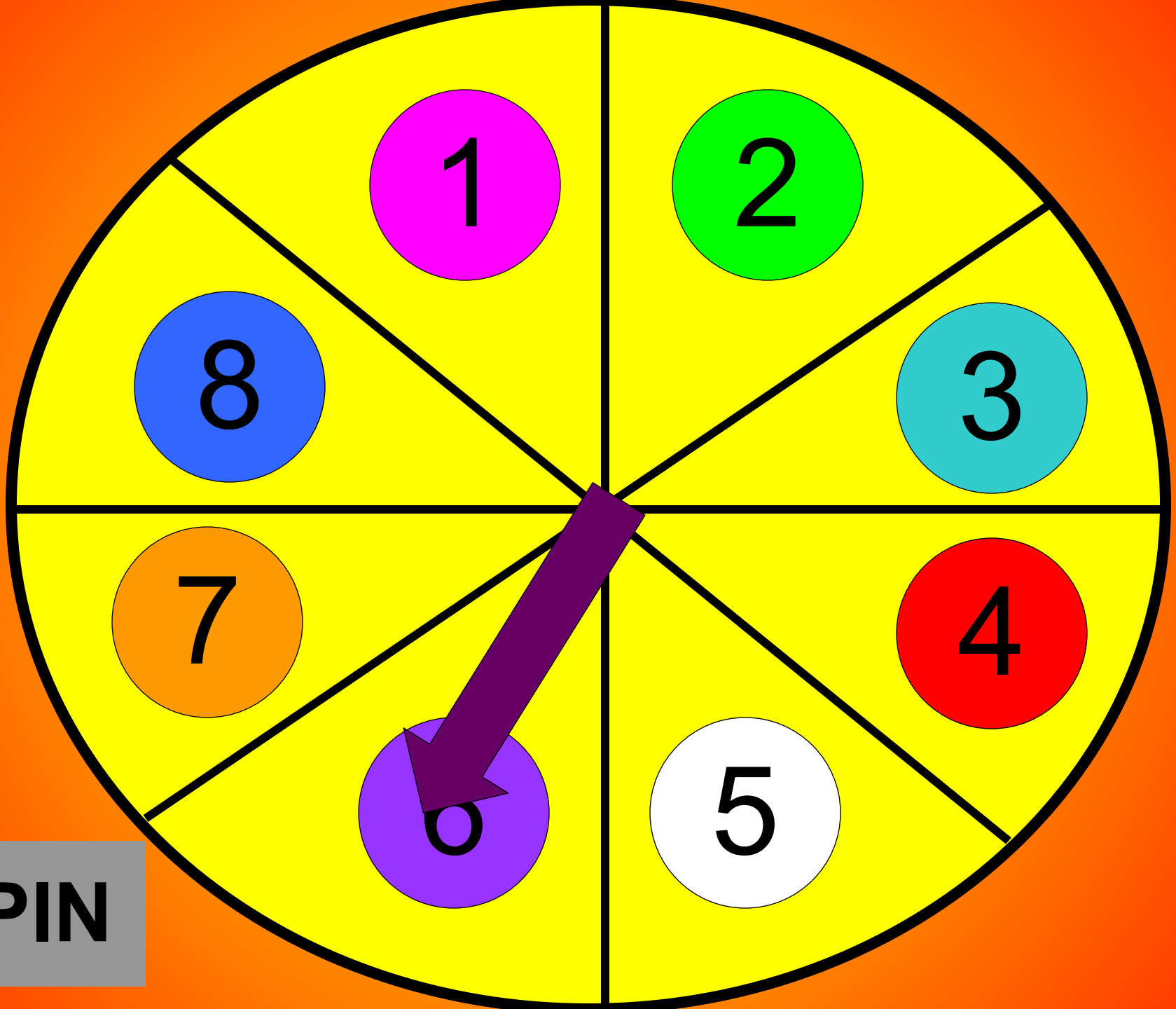
A. (5, 6)
B. (5, 5)
C. (6, 5)
D. (6, 6)

Which coordinates best describe the location of Mount Able?

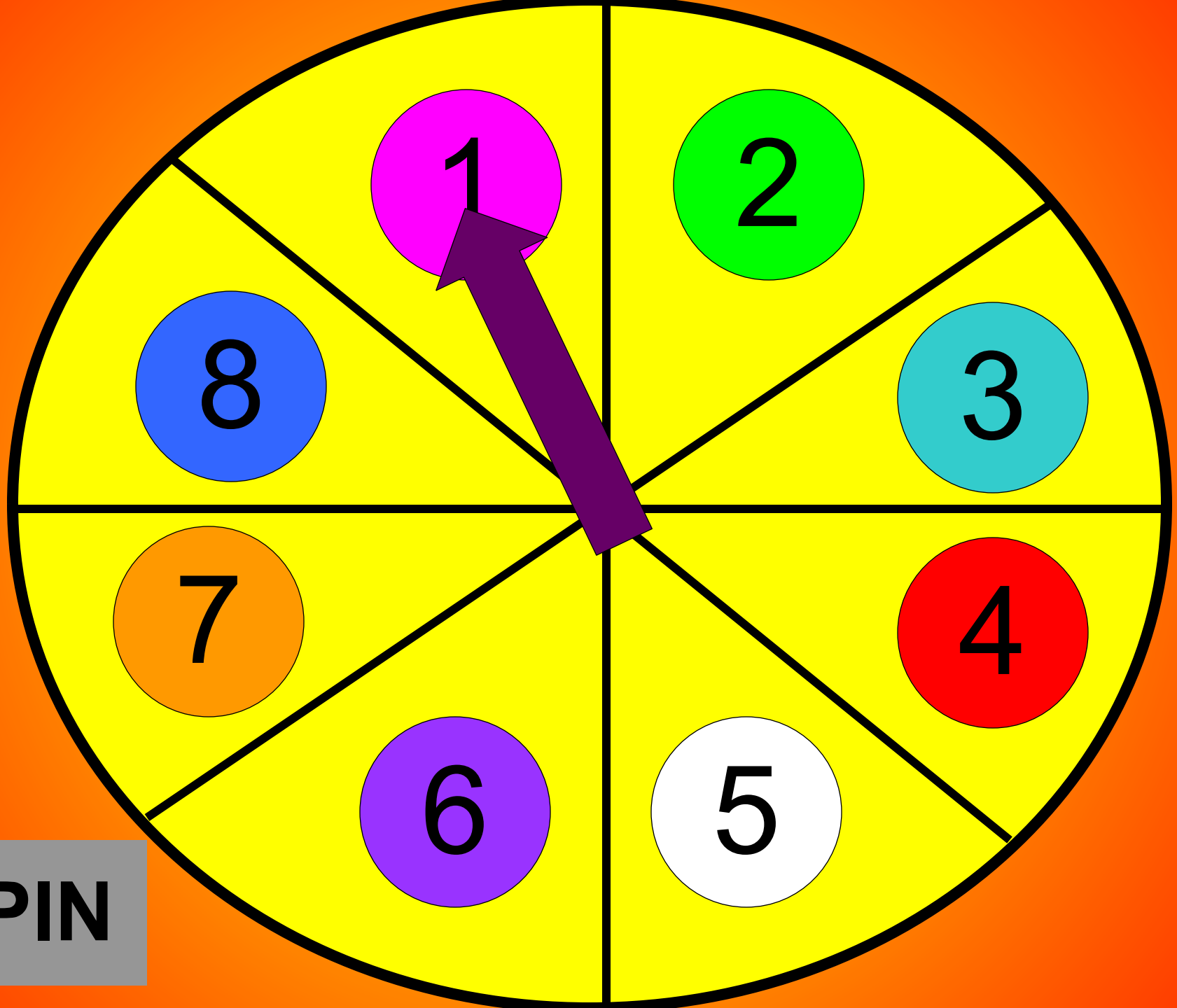
Across 6, Up 5



A. (5, 6)
B. (5, 5)
C. (6, 5)
D. (6, 6)



SPIN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SPIN

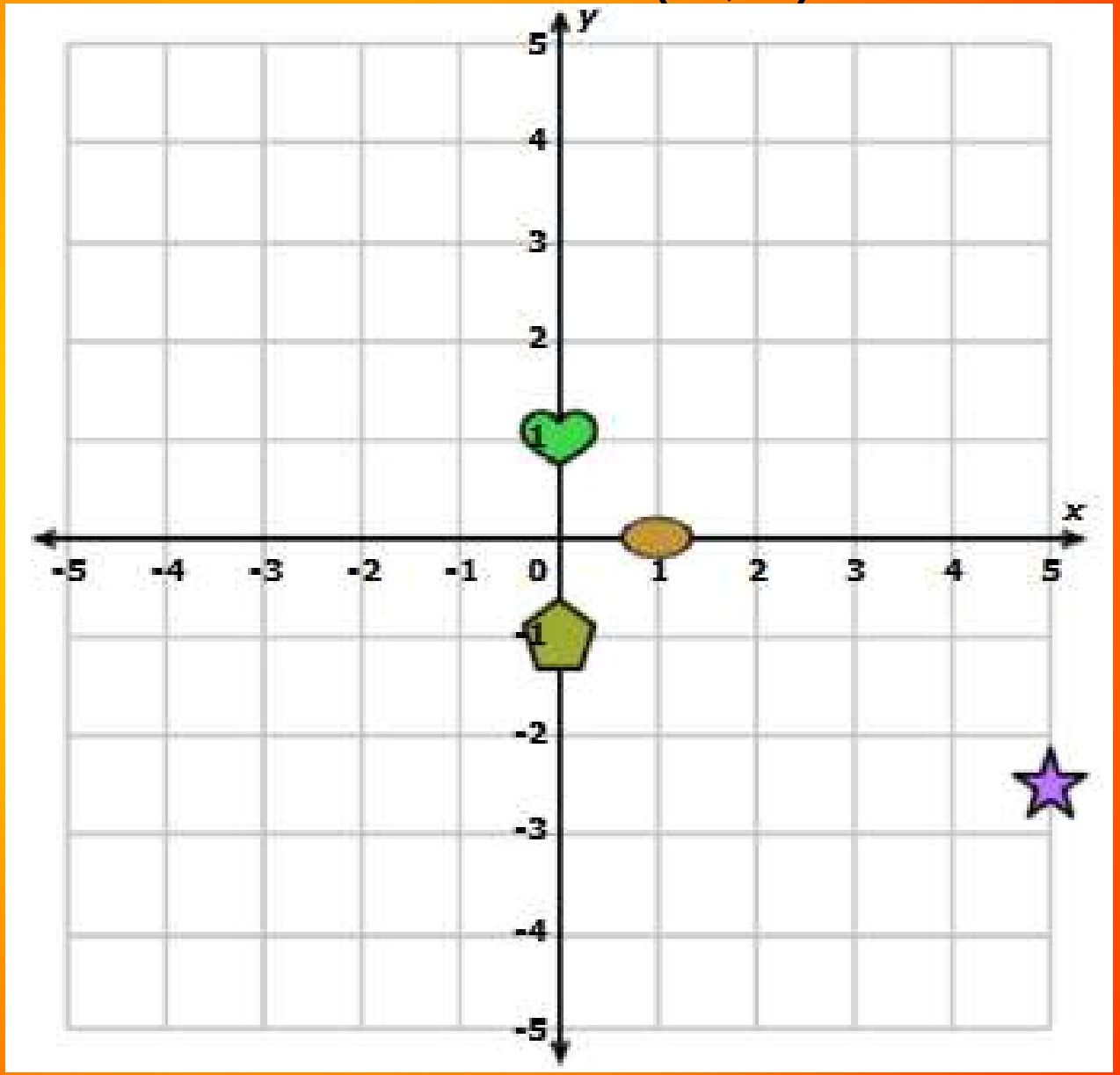
Which shape can be found at (0,1)?

A.

B.

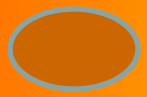
C.

D.



Which shape can be found at (0,1)?

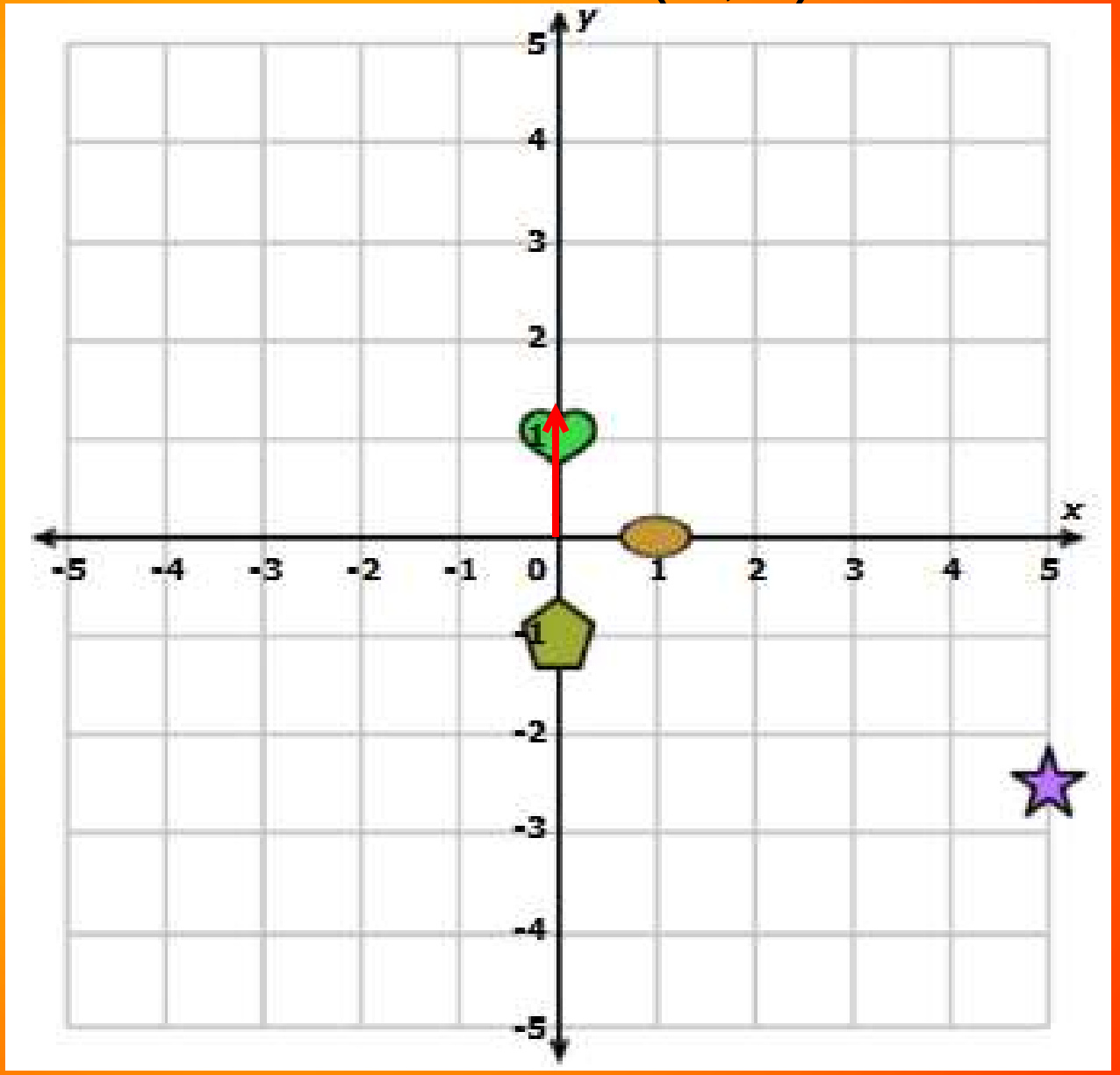
Start at 0, up 1

A. 

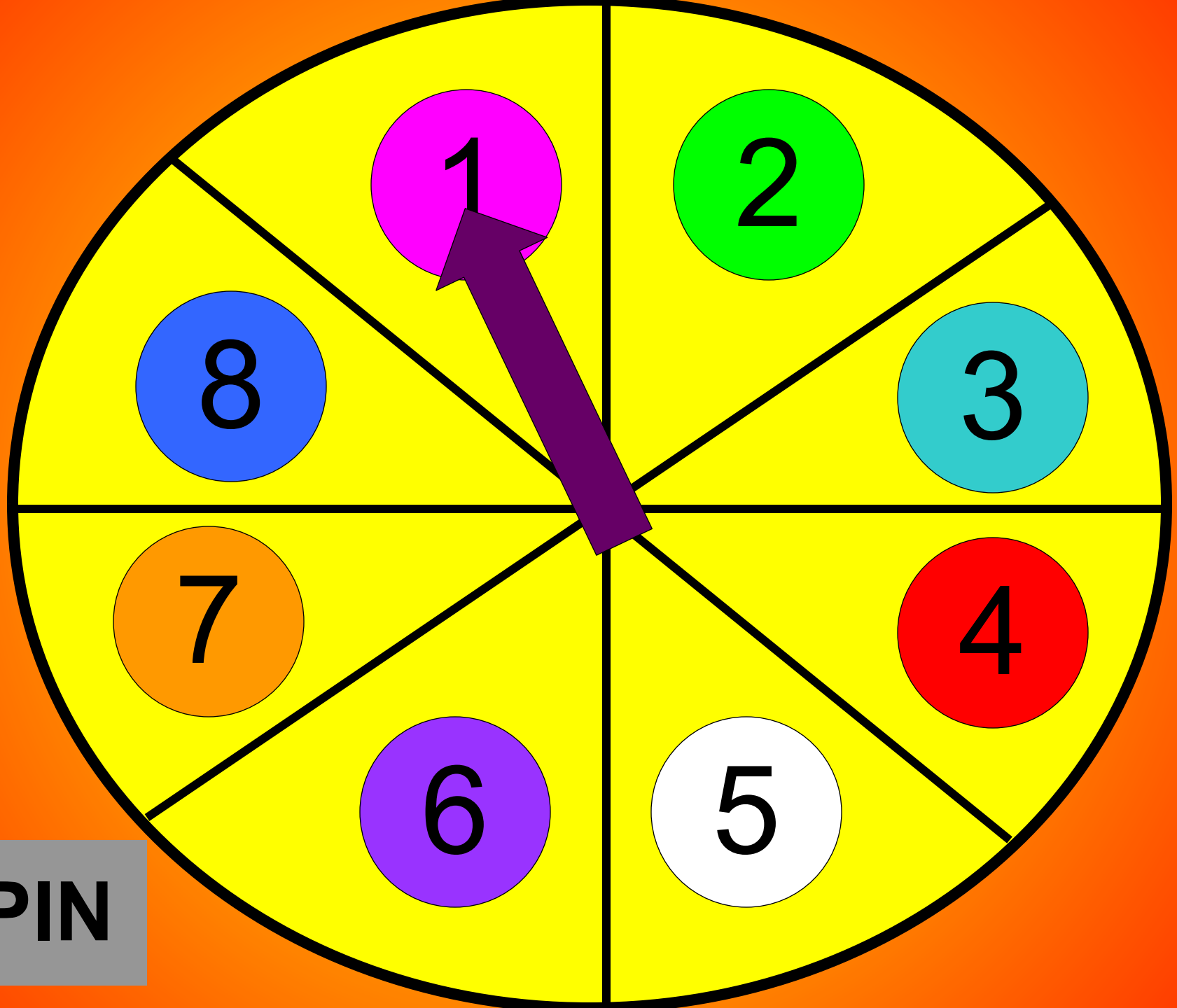
B. 

C. 

D. 



End of Coordinate Pairs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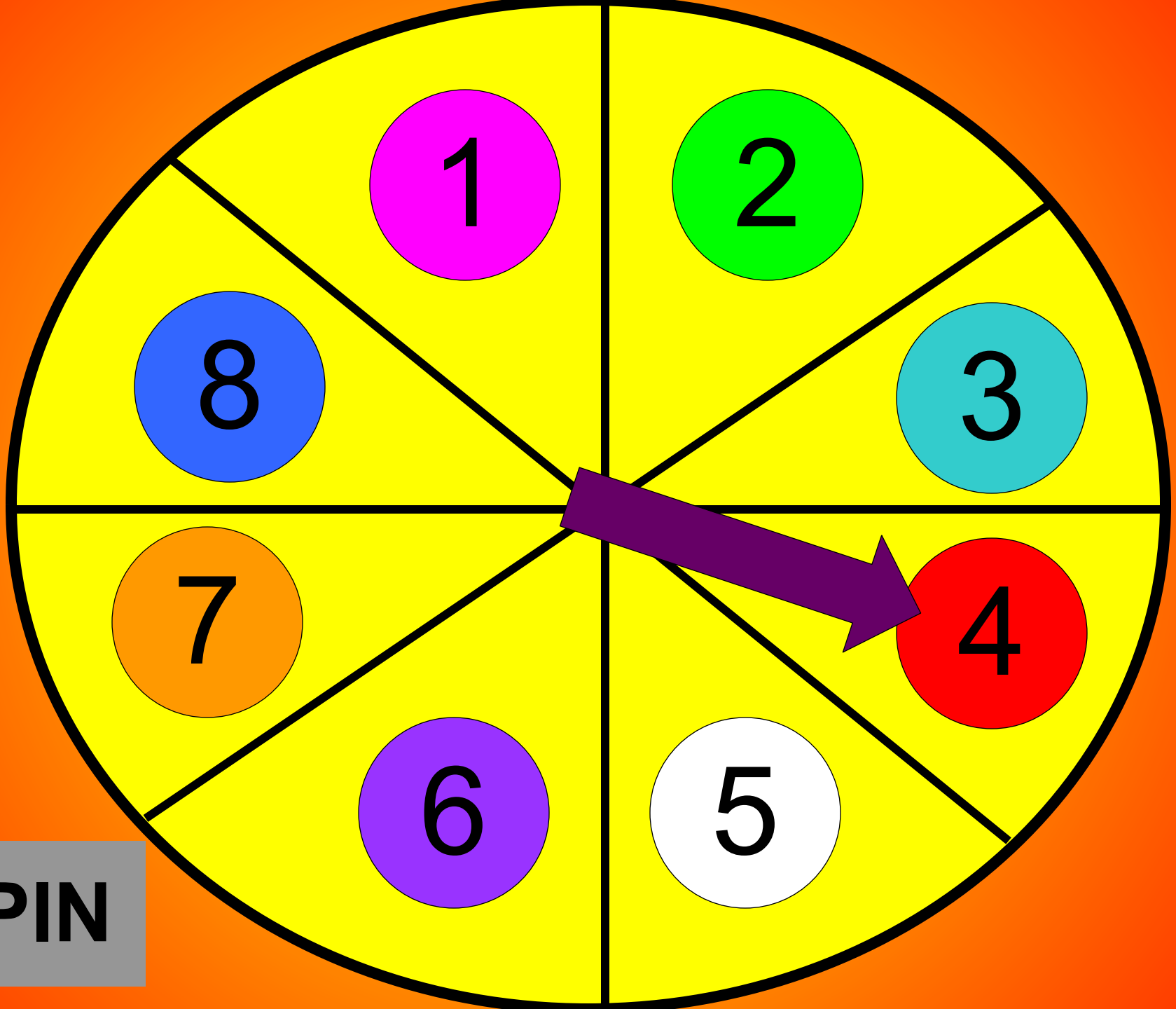
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SPIN

A given parallelogram has 4 congruent sides and one pair of opposite acute angles. What is the correct name for this parallelogram?

A. trapezoid
B. rectangle
C. rhombus
D. square

Which quadrilateral has exactly one pair of parallel sides?

A. square 

B. rectangle 

C. rhombus 

D. trapezoidTh  only one set of parallel sides.

A given parallelogram has 4 congruent sides and one pair of opposite acute angles. What is the correct name for this parallelogram?

A. trapezoid
B. rectangle
C. rhombus
D. square

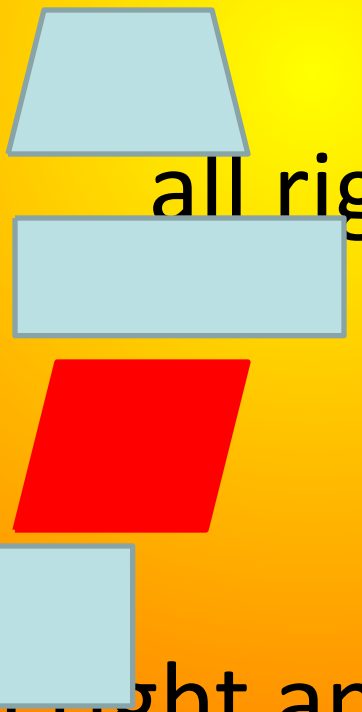
A given parallelogram has **4 congruent sides** and **one pair of opposite acute angles**. What is the correct name for this parallelogram?

A. trapezoid 2 pairs of congruent sides

B. rectangle all right angles

C. rhombus

D. square all right angles

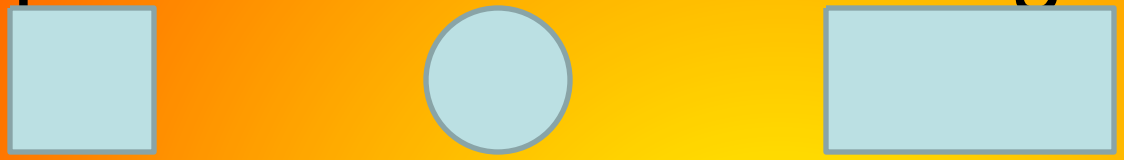


Which three shapes from this group are quadrilaterals?
{square, circle, rectangle, triangle, rhombus}

A. square, triangle, rhombus
B. circle, rectangle, rhombus
C. triangle, rhombus, circle
D. rectangle, square, rhombus

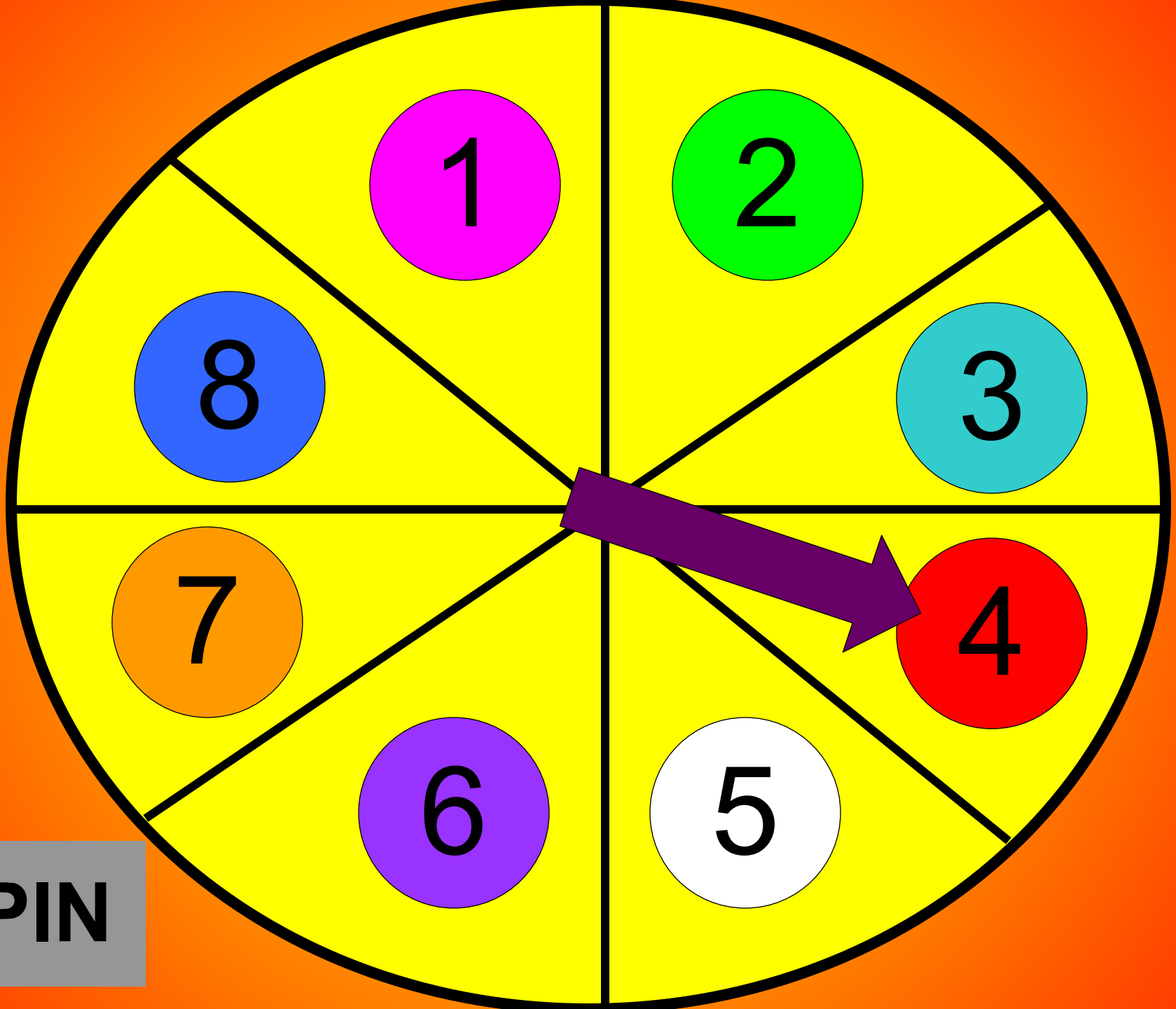
Which three shapes from this group are quadrilaterals **(4 sided polygon)**?

square circle rectangle



triangle rhombus

A. square, triangle, rhombus
B. circle, rectangle, rhombus
C. triangle, rhombus, circle
D. rectangle, square, rhombus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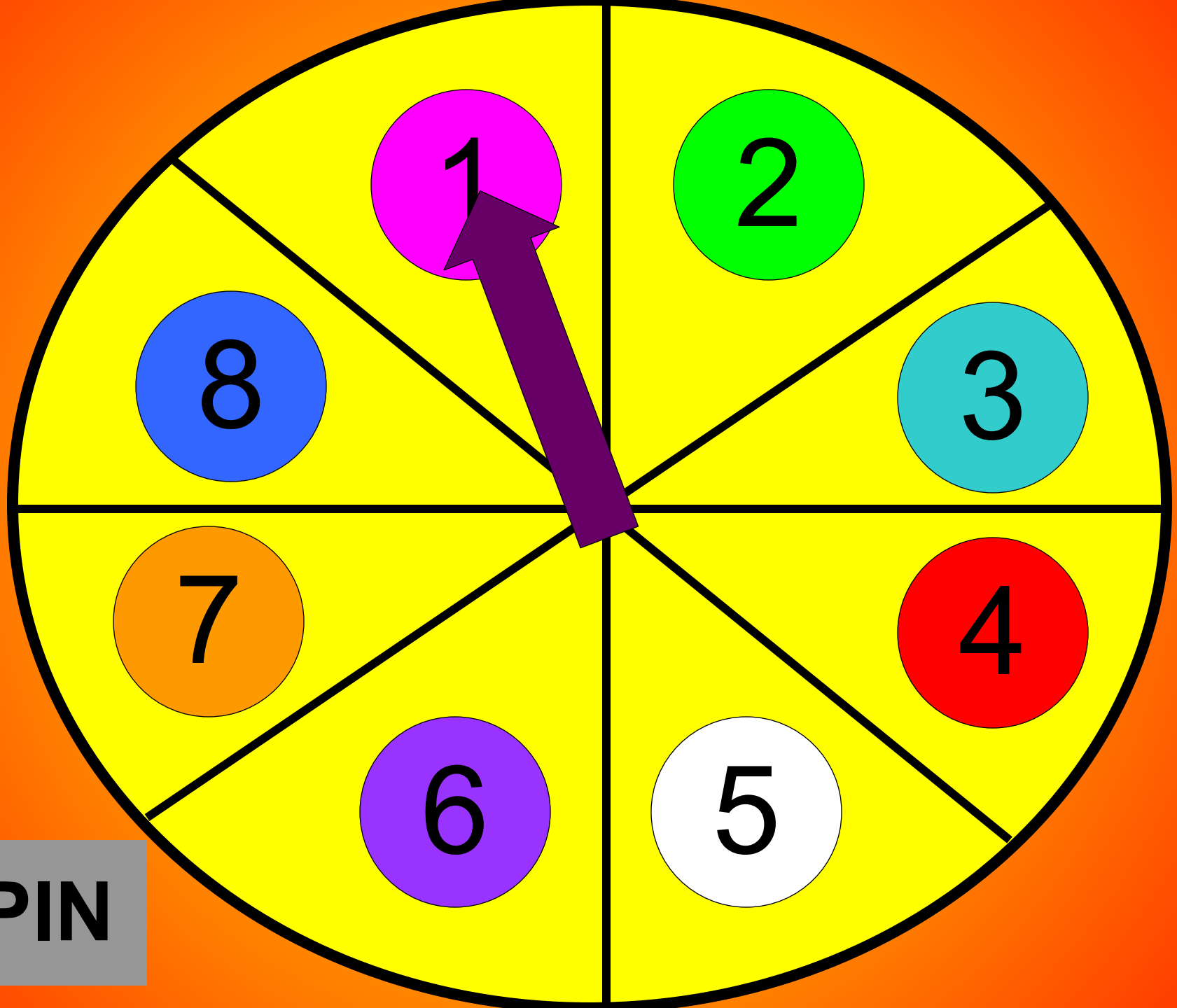
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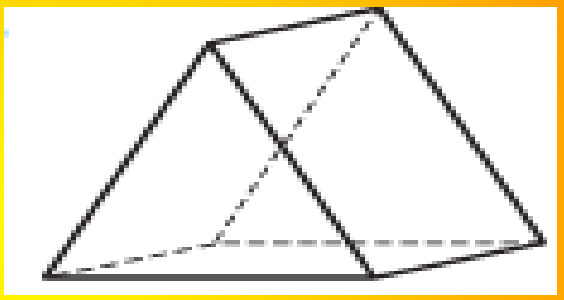
SPIN

Addison has a 3-dimensional shape. The shape has 5 faces, 6 vertices, and 9 edges. What shape does Addison MOST LIKELY have?

A. triangular prism
B. rectangular prism
C. isosceles triangle
D. isosceles rectangle

Addison has a 3-dimensional shape. The shape has 5 faces, 6 vertices, and 9 edges. What shape does Addison MOST LIKELY have?

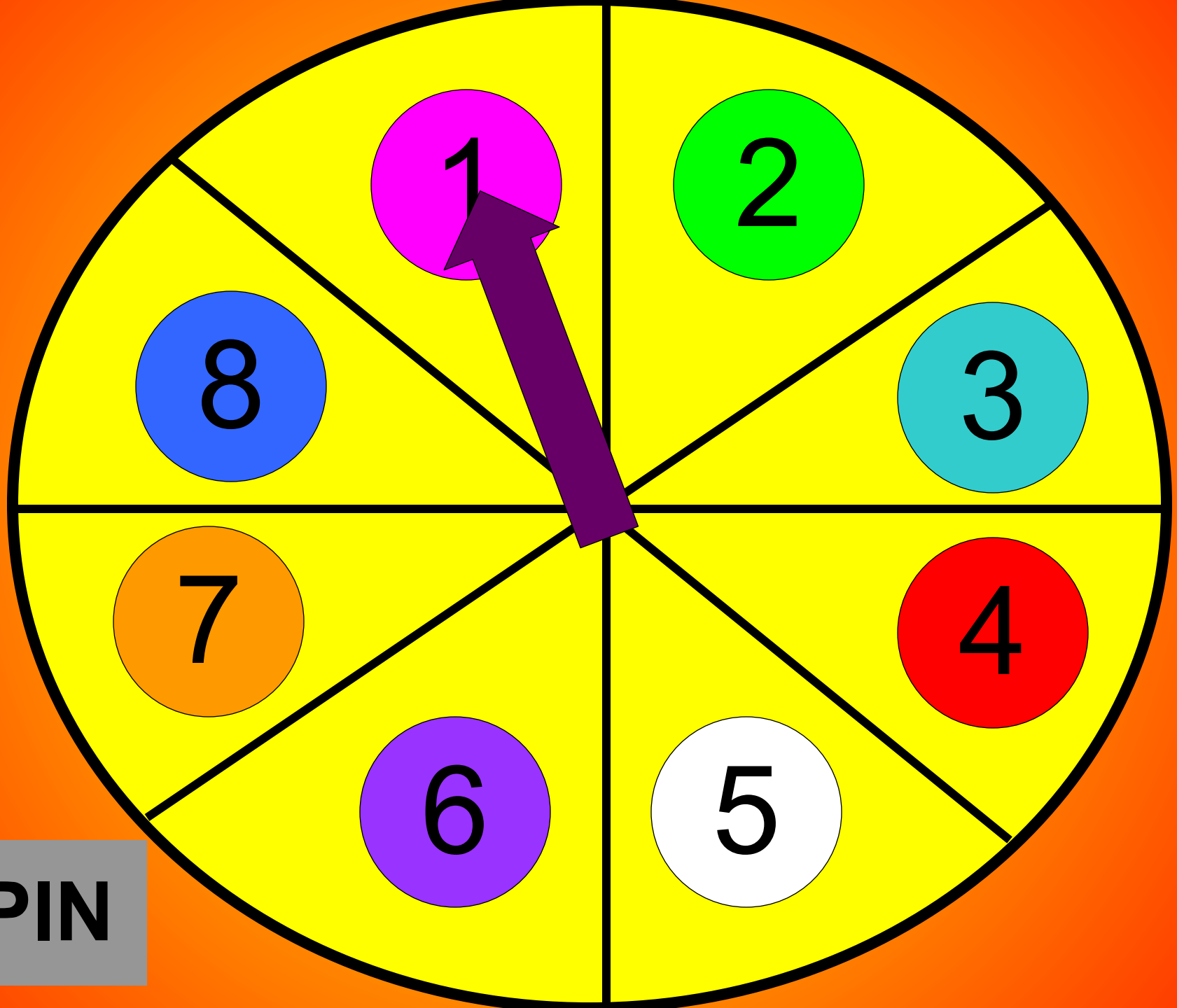
A. triangular prism



B. rectangular prism

C. isosceles triangle

D. isosceles rectangle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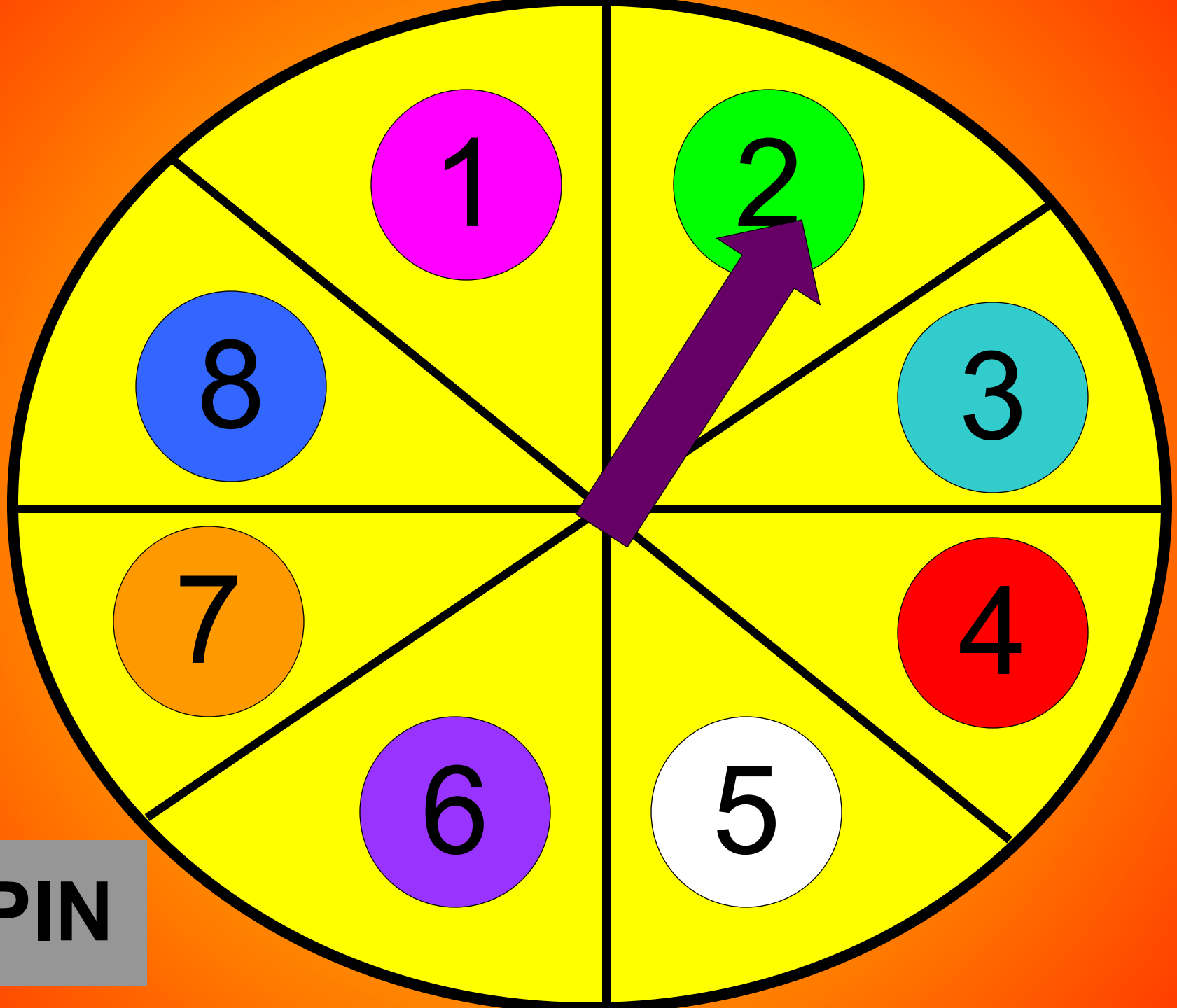
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SPIN

Ben is drawing a shape. The shape has four sides. Each angle in the shape is a right angle. Which shape is Ben drawing?

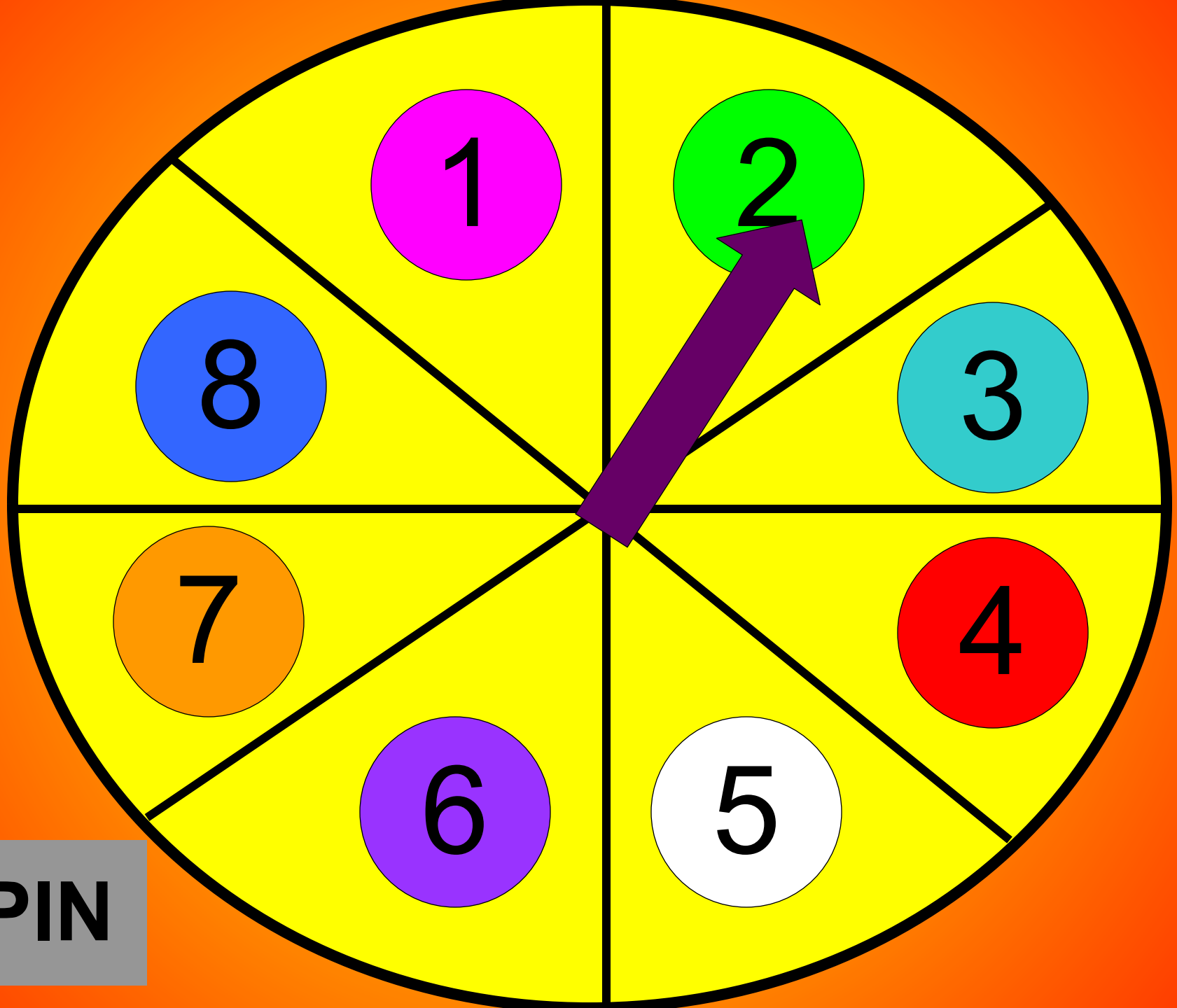
A. rectangle
B. rhombus
C. hexagon
D. triangle

shape has four sides. Each angle in the shape is a right angle. Which shape is Ben drawing?

A. rectangle

B. rhombus

C. hexagon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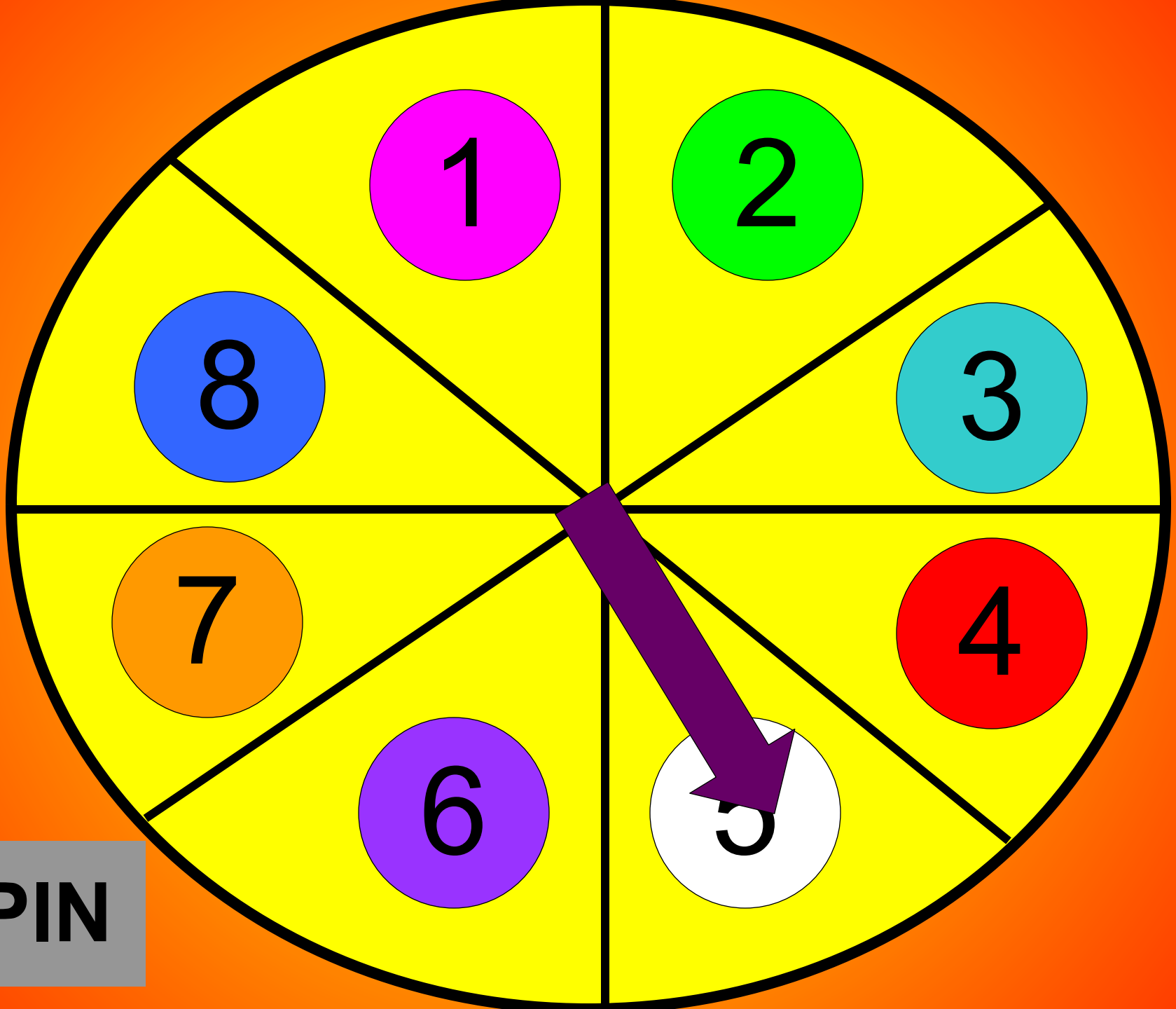
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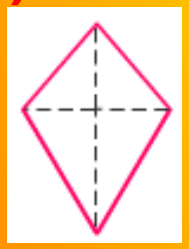
SPIN

Which is a counterexample for this conditional statement?
If a quadrilateral has four congruent sides, then it is a square.

A. kite
B. rhombus
C. rectangle
D. isosceles trapezoid

Which is a counterexample (exception) for this conditional statement?

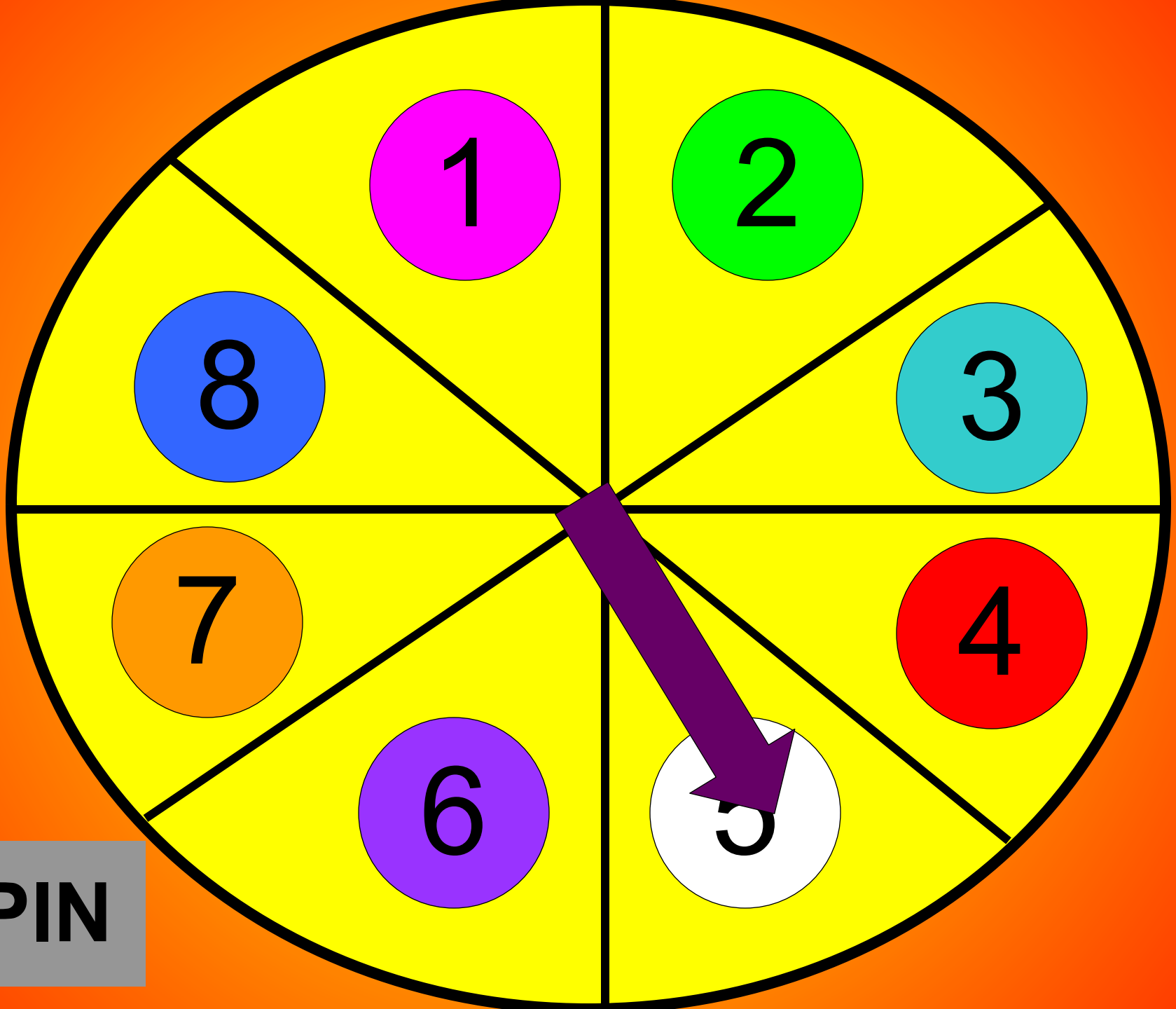
If a quadrilateral has four congruent sides, then it is a square (has 4 right angles).

A. kite 

B. rhombus 

C. rectangle 

D. isosceles trapezoid 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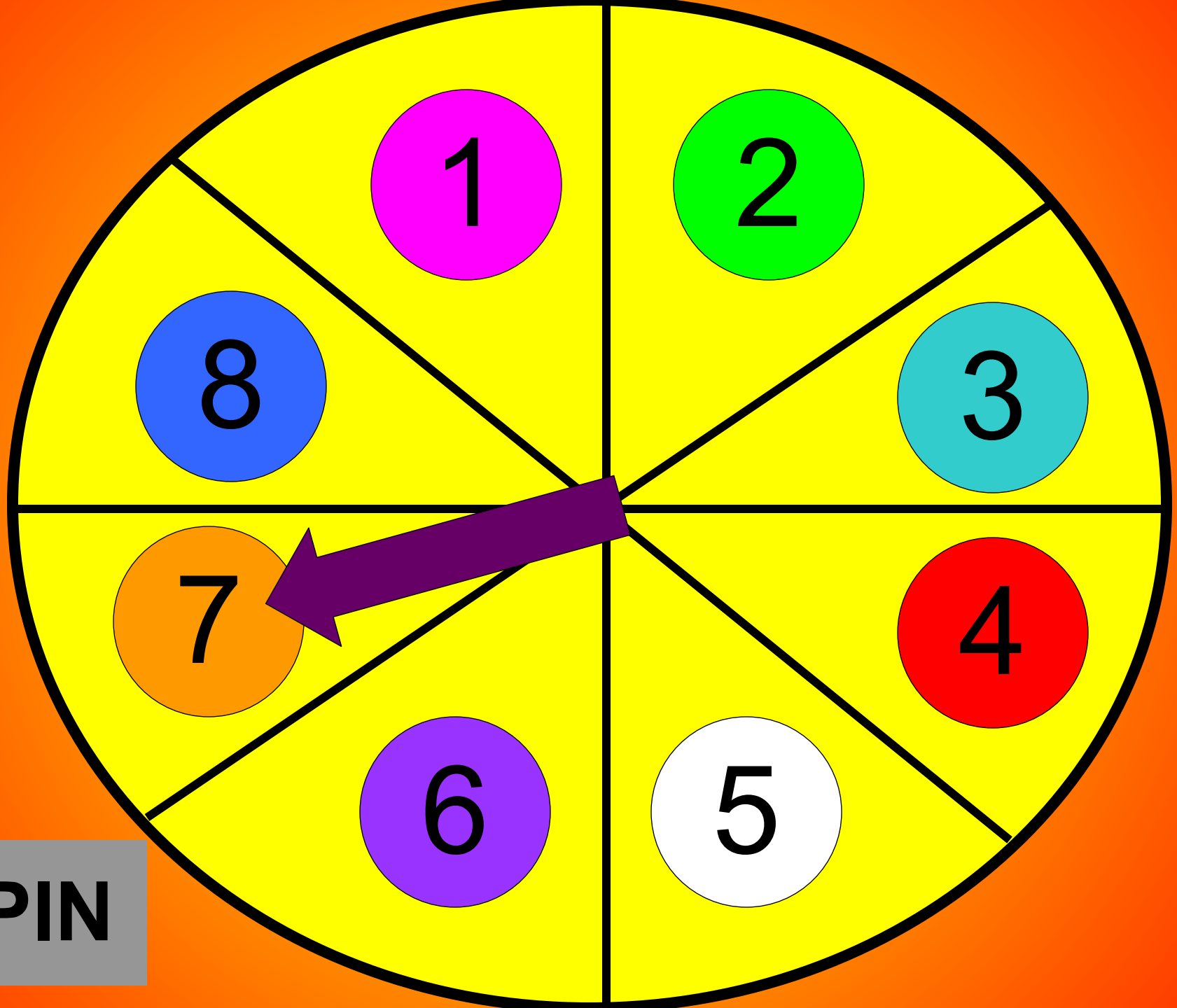
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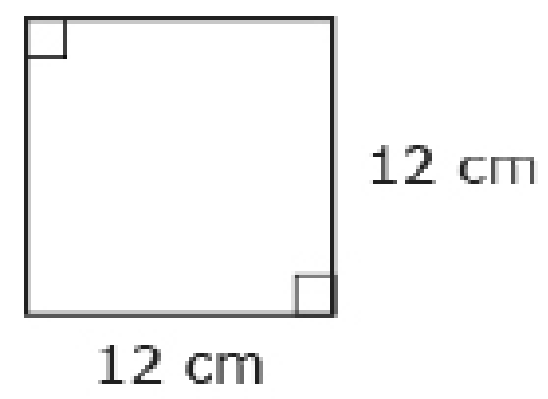
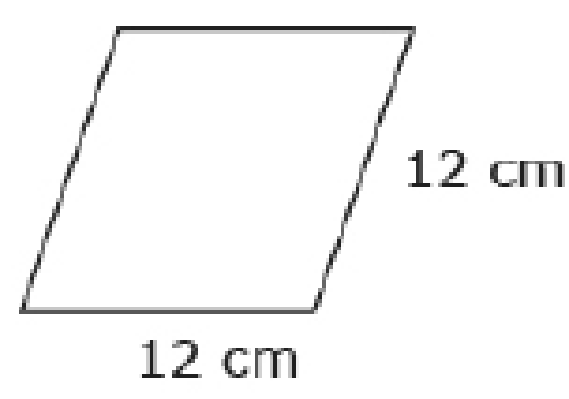
SPIN

Megan drew two shapes on a piece of paper. Each shape has side lengths of 12 centimeters (cm).

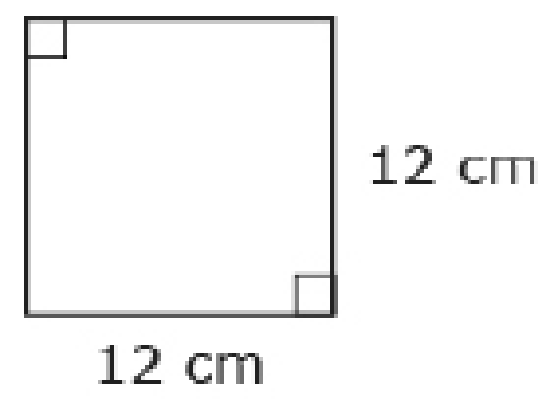


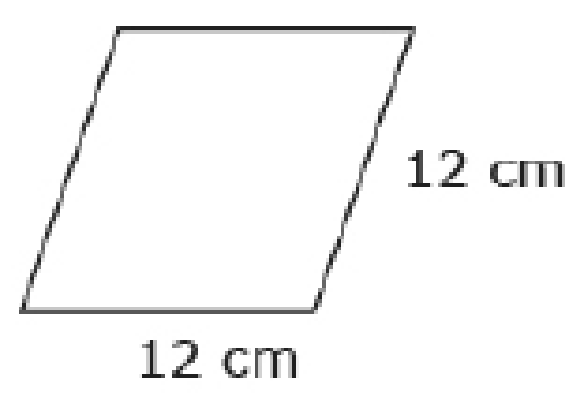


Part A

Megan said each shape is an example of a rhombus. Is her statement true? Explain why or why not.

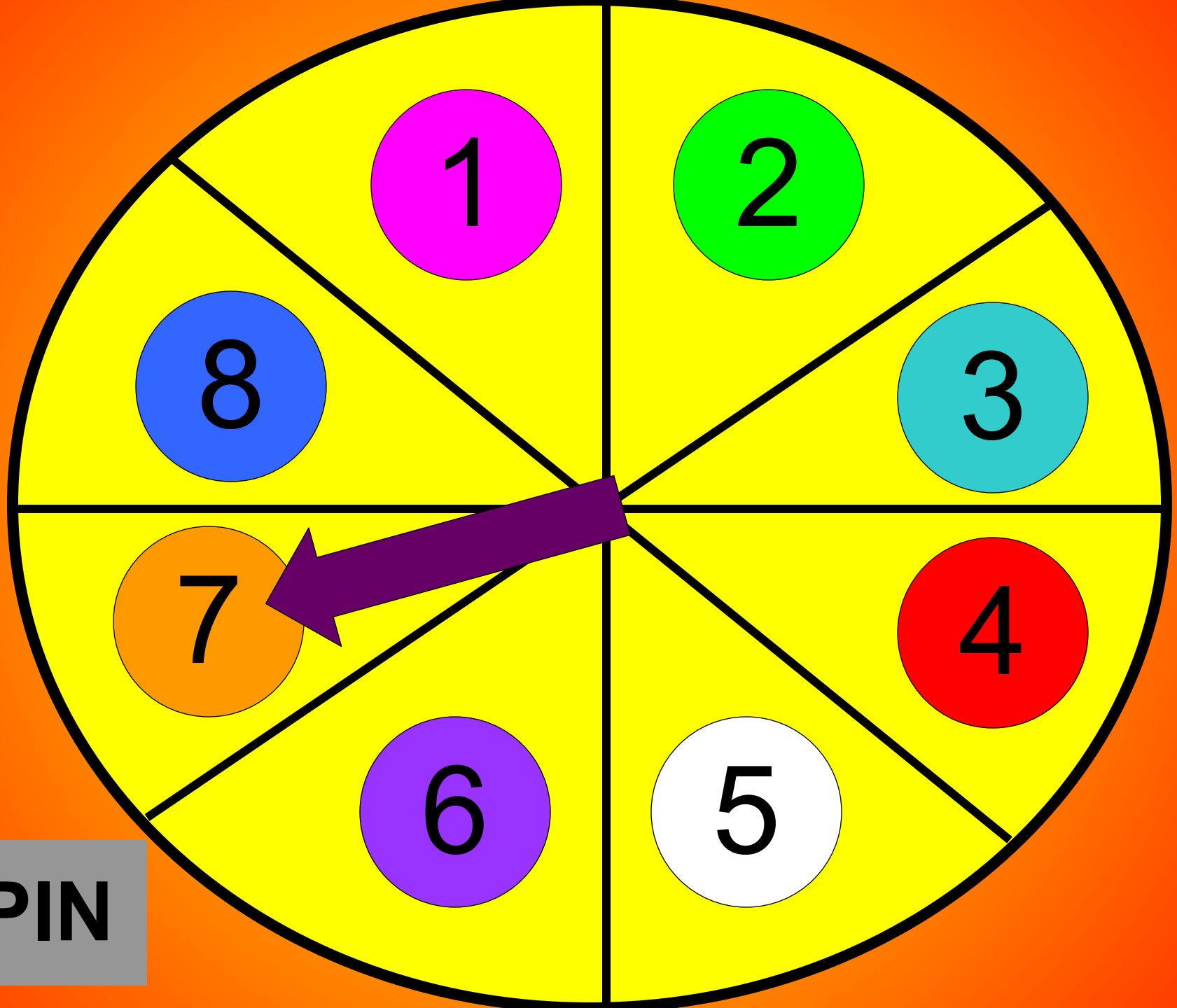
Megan drew two shapes on a piece of paper. Each shape has side lengths of 12 centimeters (cm).





Part A

Megan said each shape is an example of a rhombus. Is her statement true? Yes, arhombus is a quadrilateral with 4 equal parallel sides and 4 equal angles.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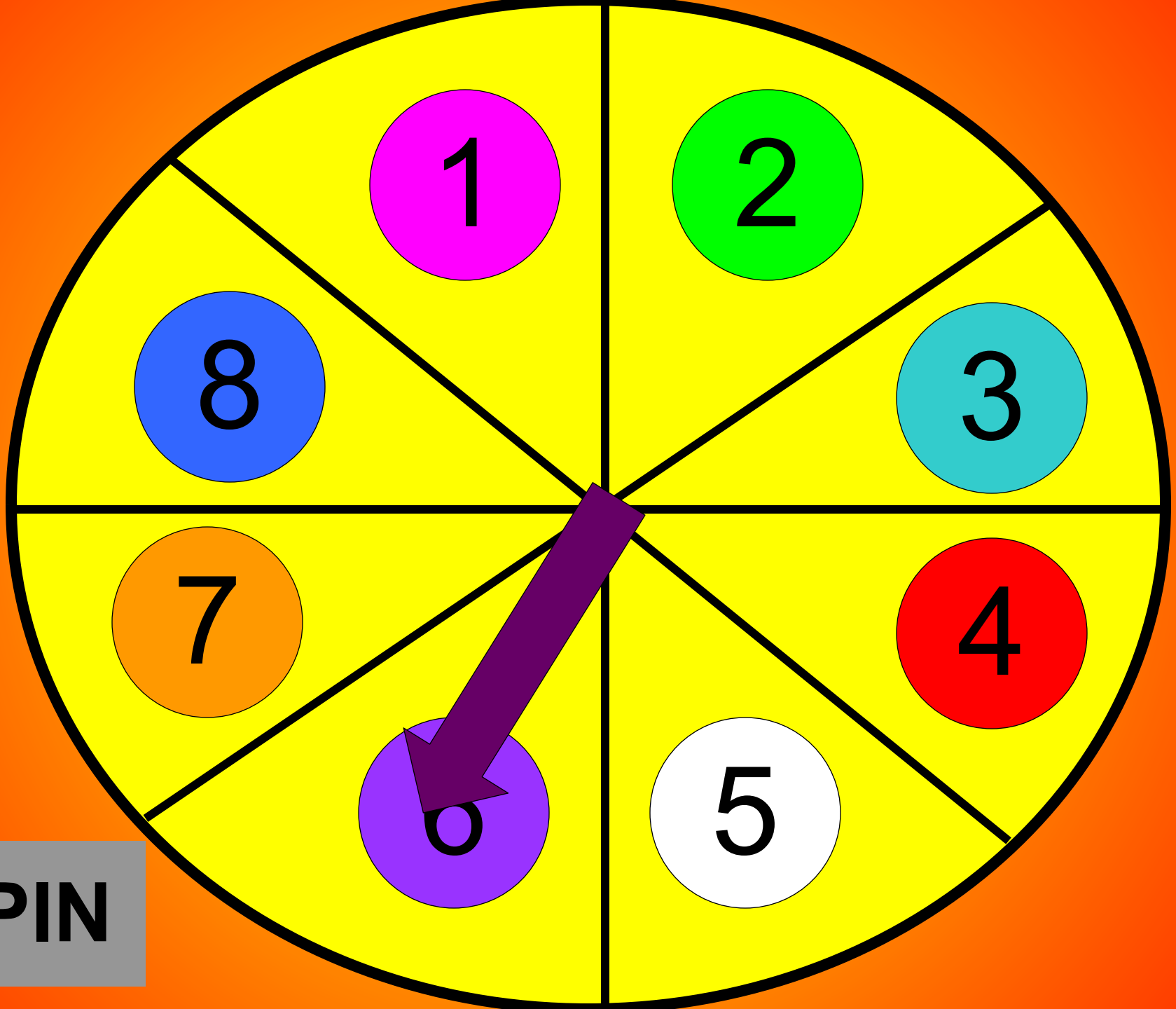
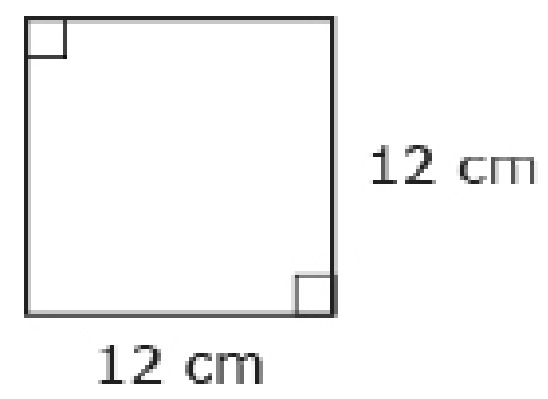
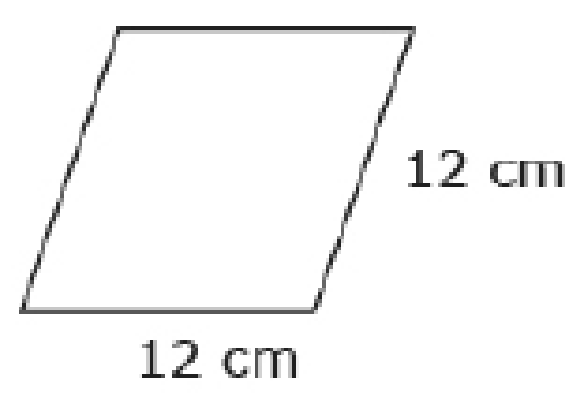
SPIN



SPIN

Megan drew two shapes on a piece of paper. Each shape has side lengths of 12 centimeters (cm).

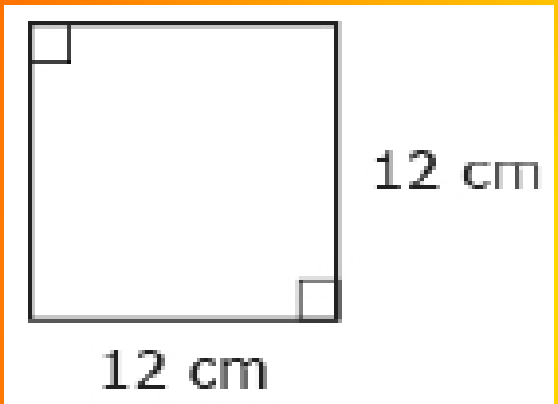


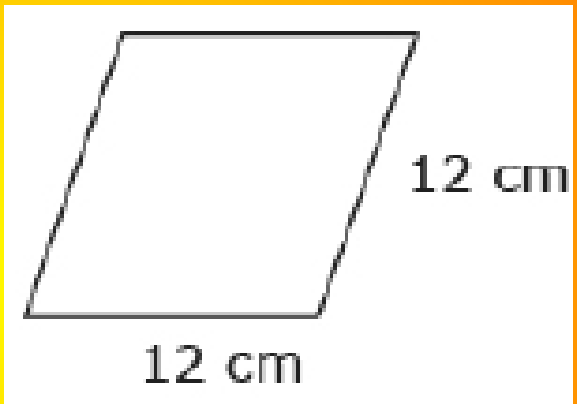


Part B

What is the perimeter of each of the shapes? Show your work or explain your answer.

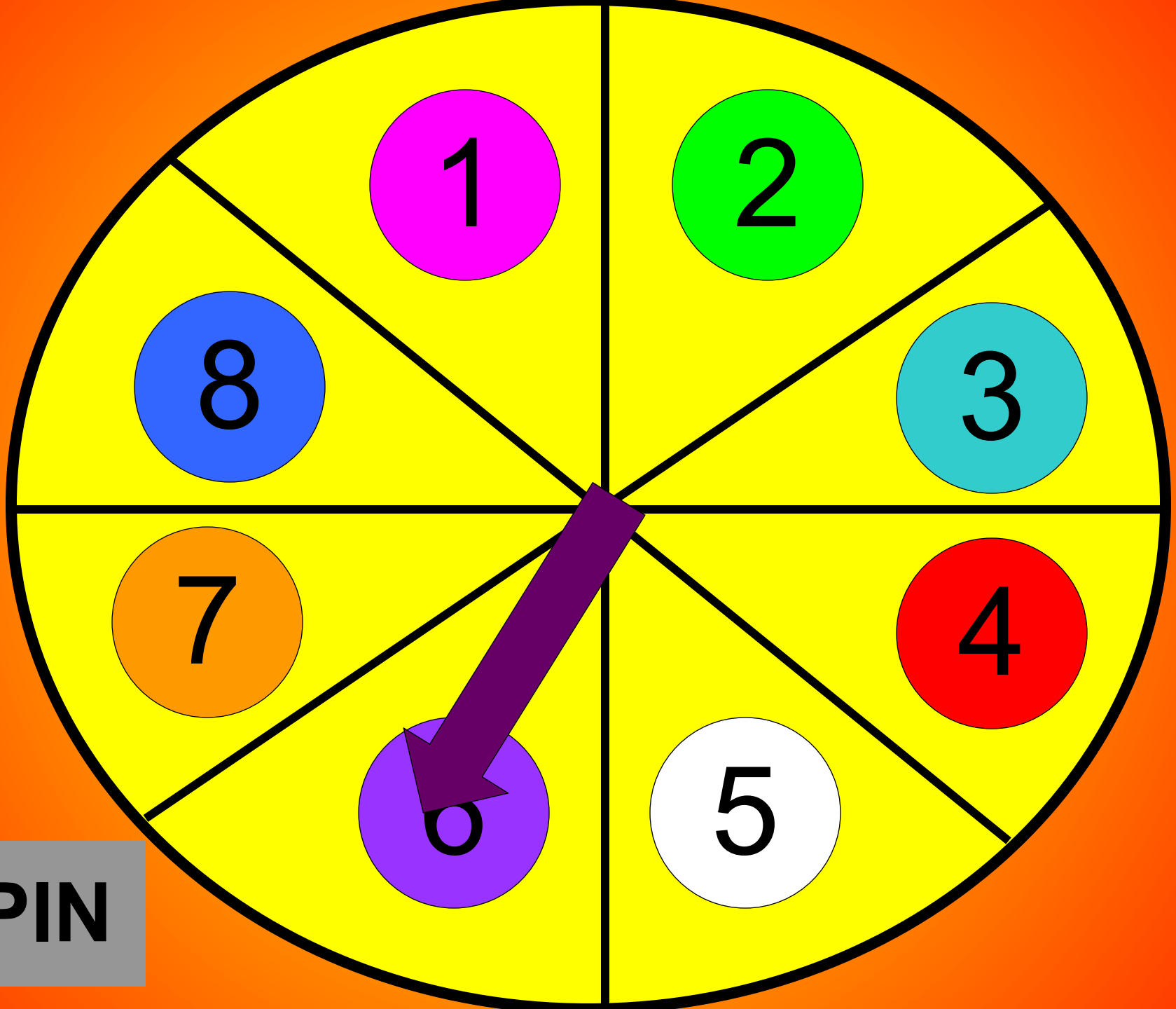
Megan drew two shapes on a piece of paper. Each shape has side lengths of 12 centimeters (cm).



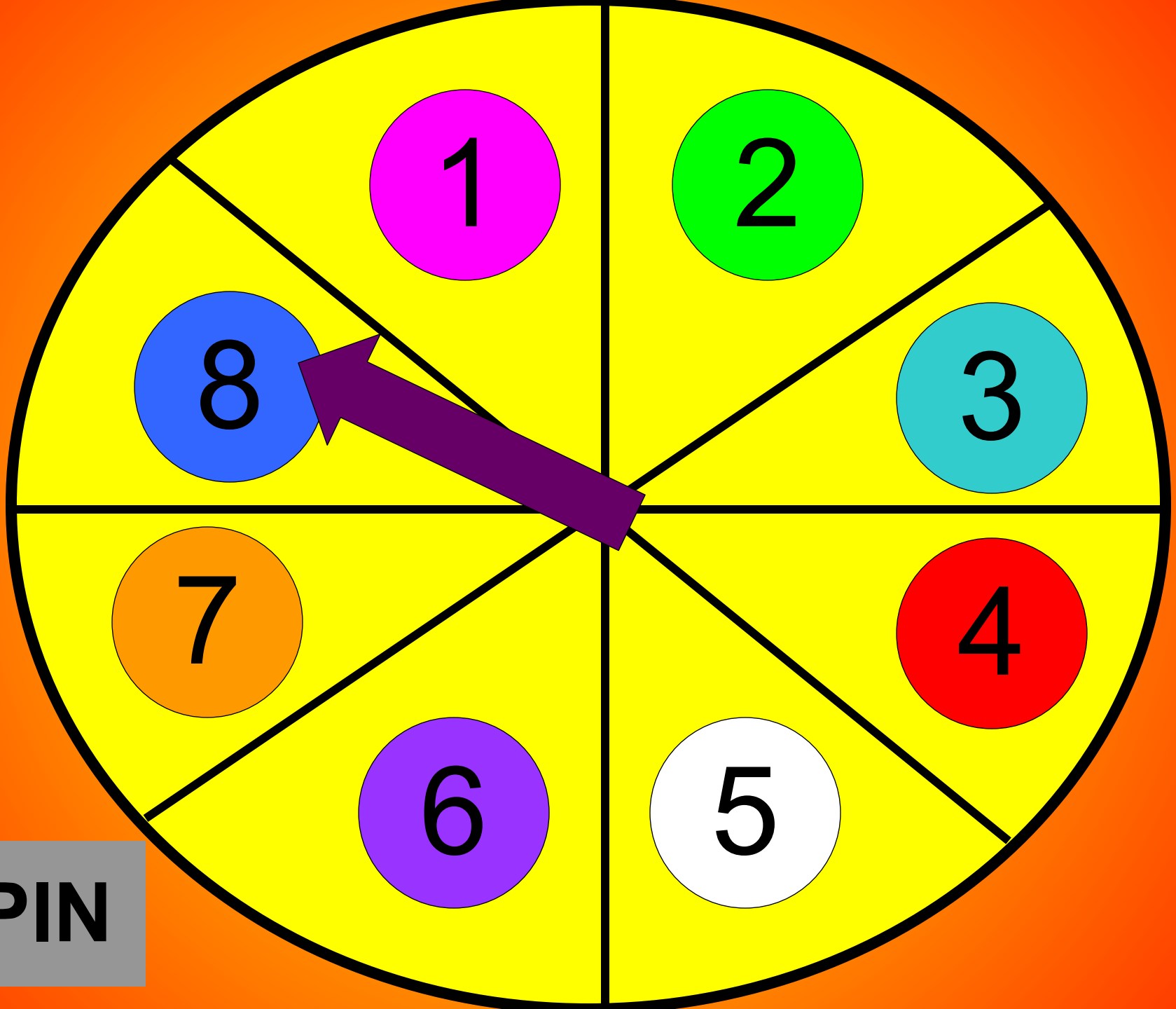


Part B

What is the perimeter of each of the shapes? Add the sides (12 + 12 + 12 + 12 = 48 cm)



SPIN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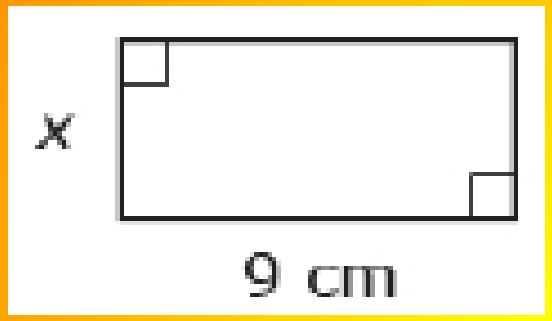
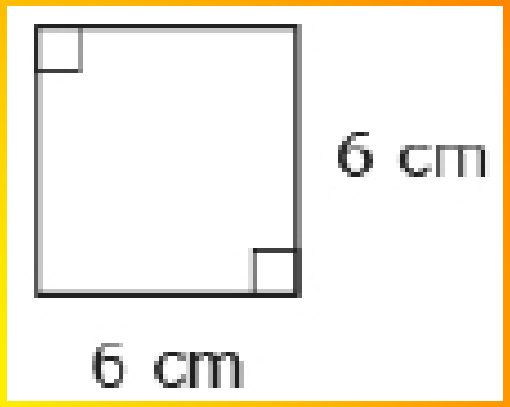
Part C

Megan drew two shapes with equal areas.



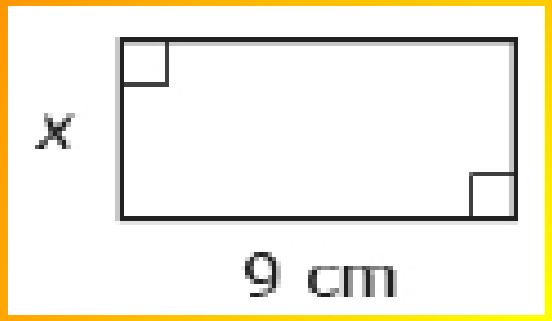


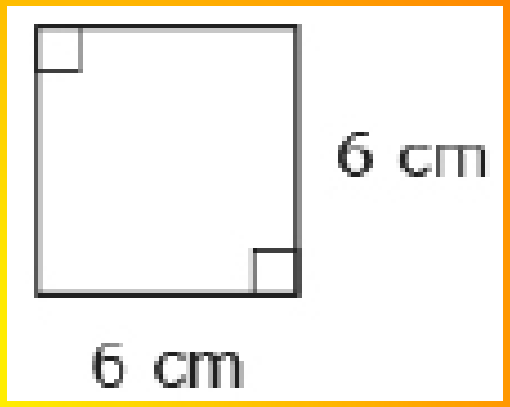
What is the area of each shape? Show your work.

What is the length of the missing side, x , in the first shape? Explain your answer.

Part C

Megan drew two shapes with equal areas.

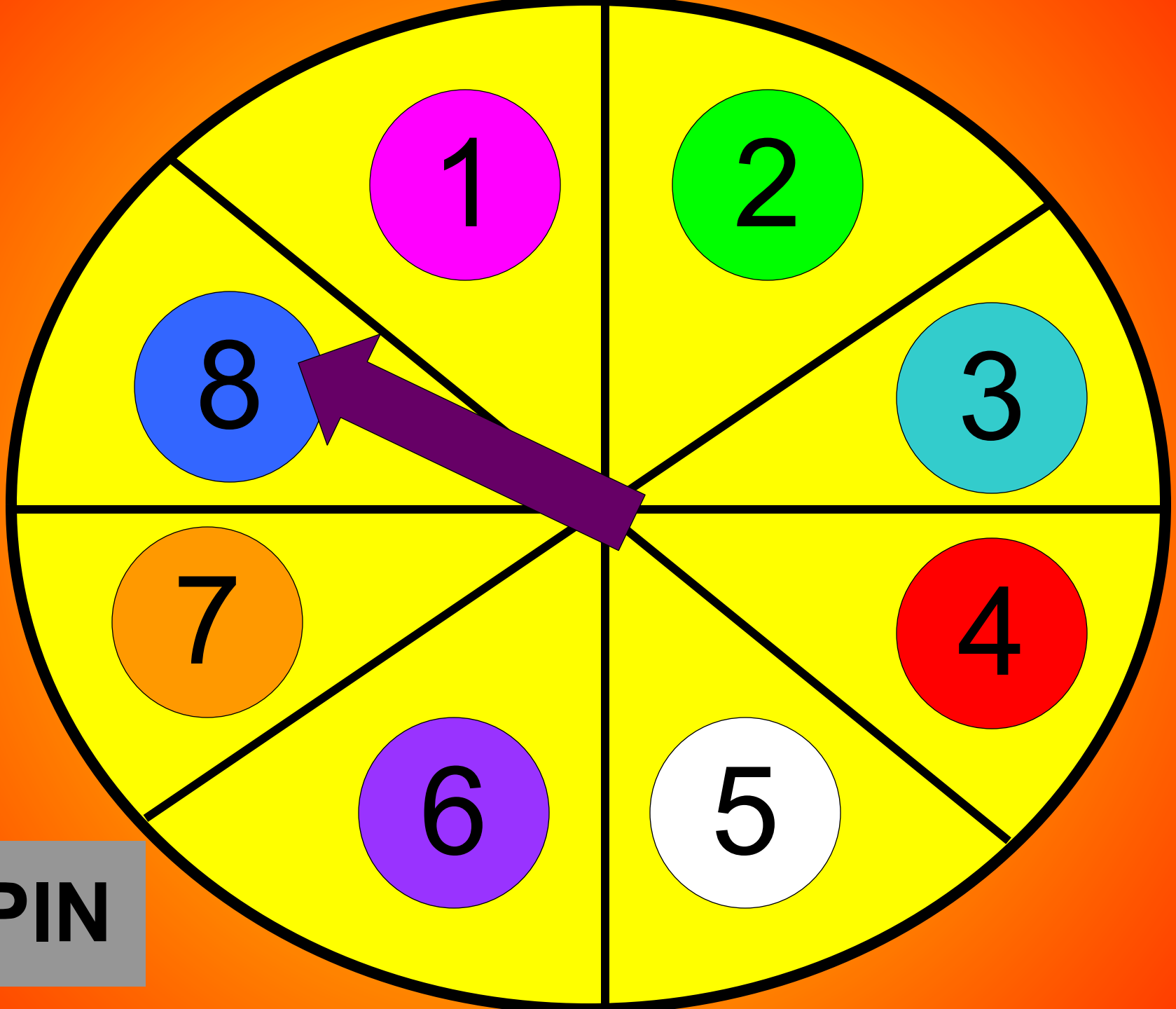




What is the area of each shape? 6 x 6 = 36 sq. cm

What is the length of the missing side, x , in the first shape? 36 = 9 times x

36 ÷ 9 = x = 4 cm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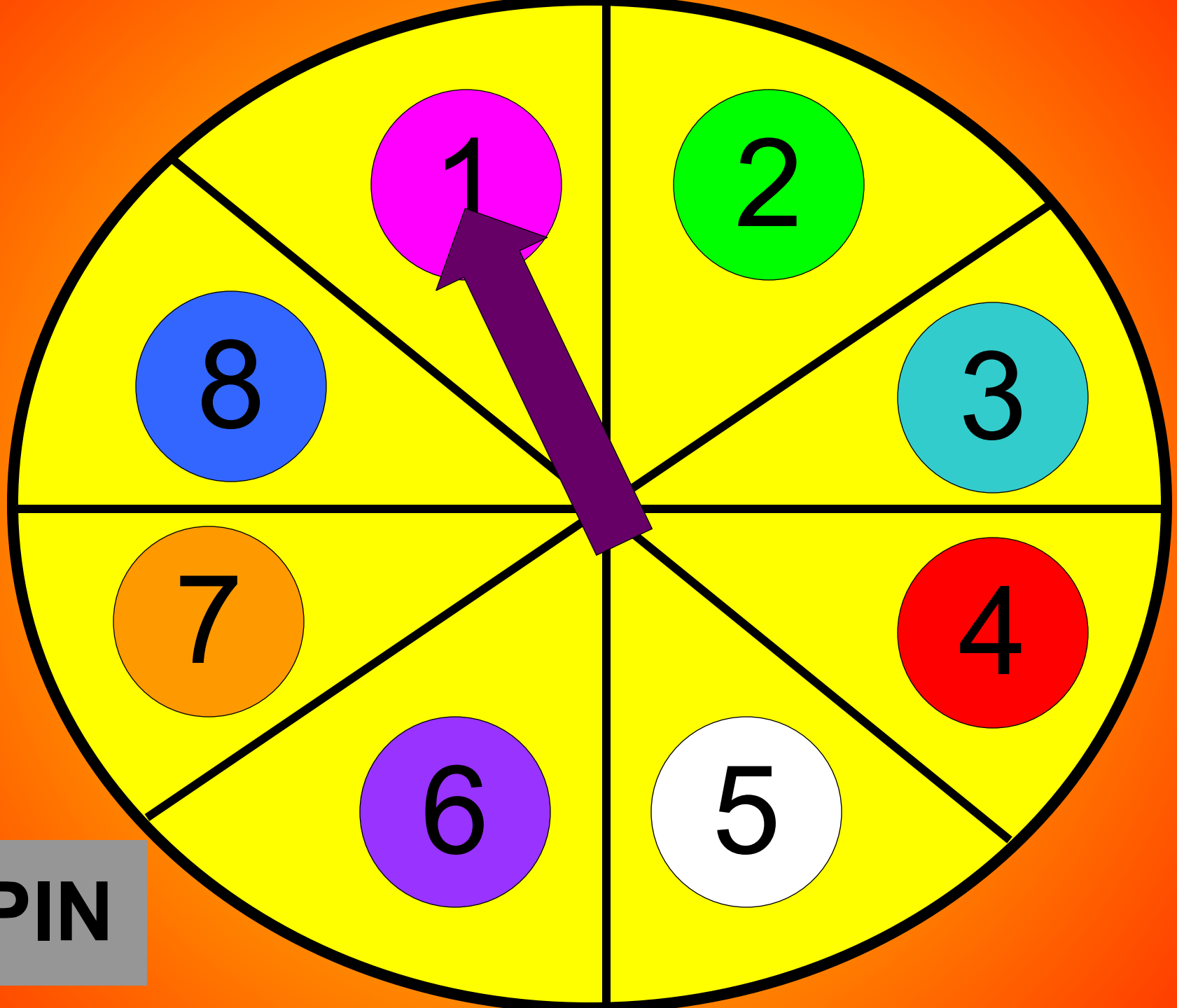
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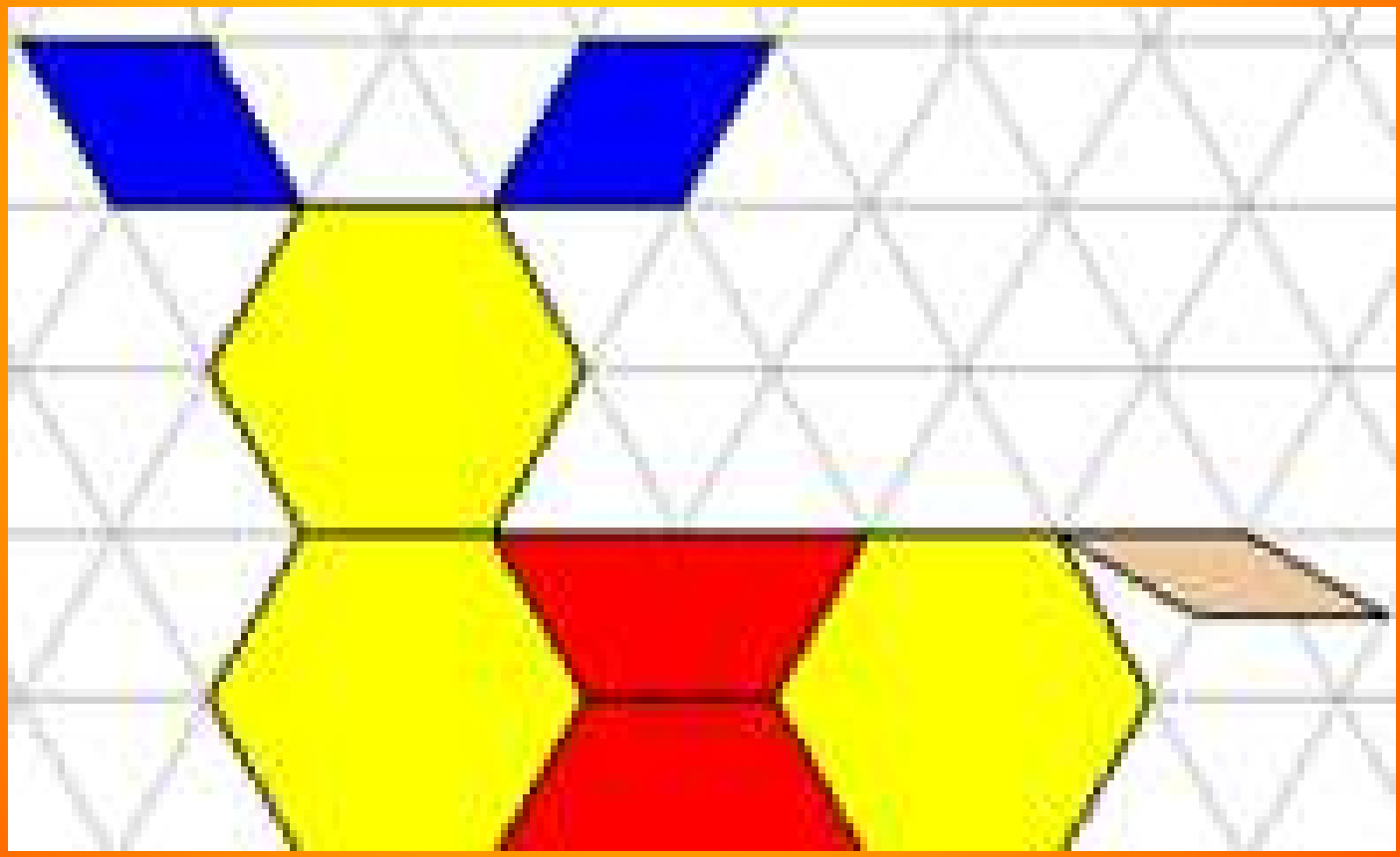
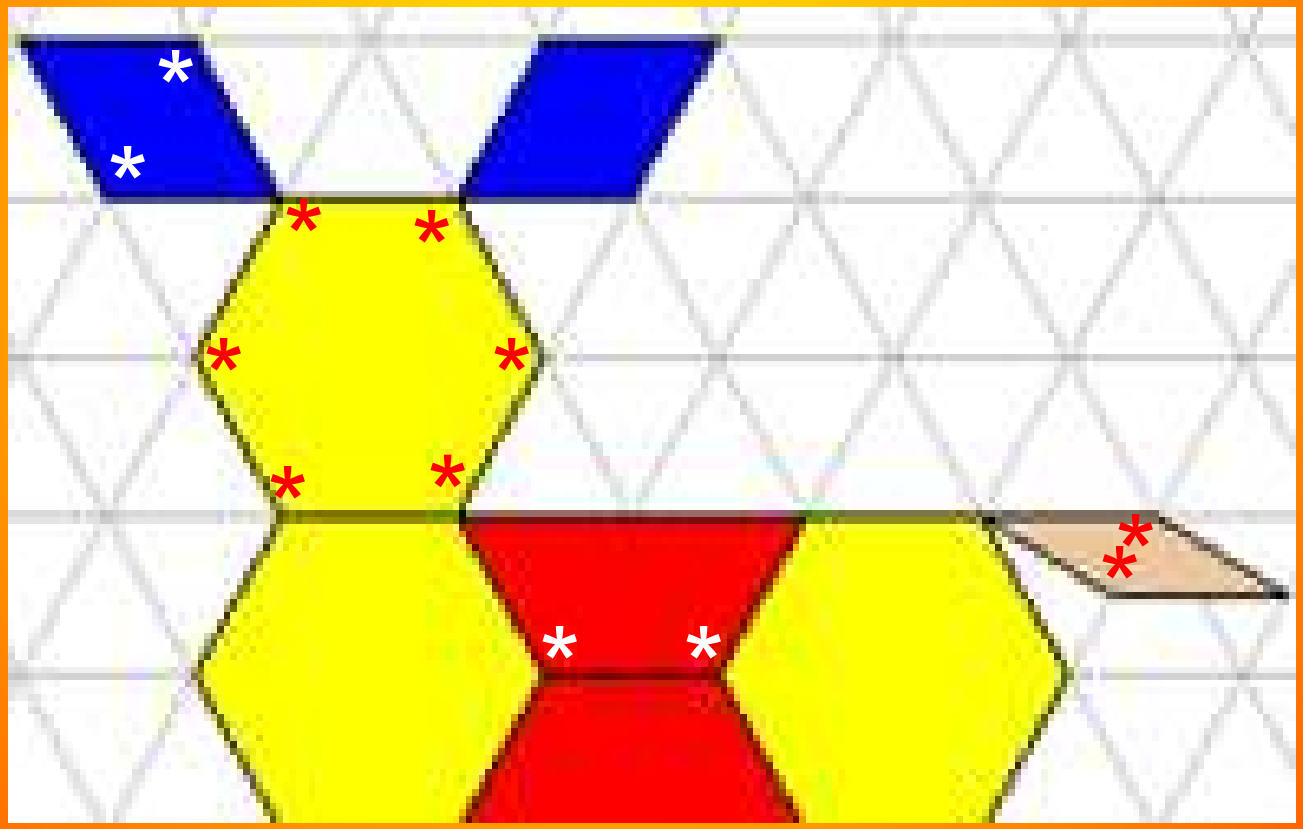
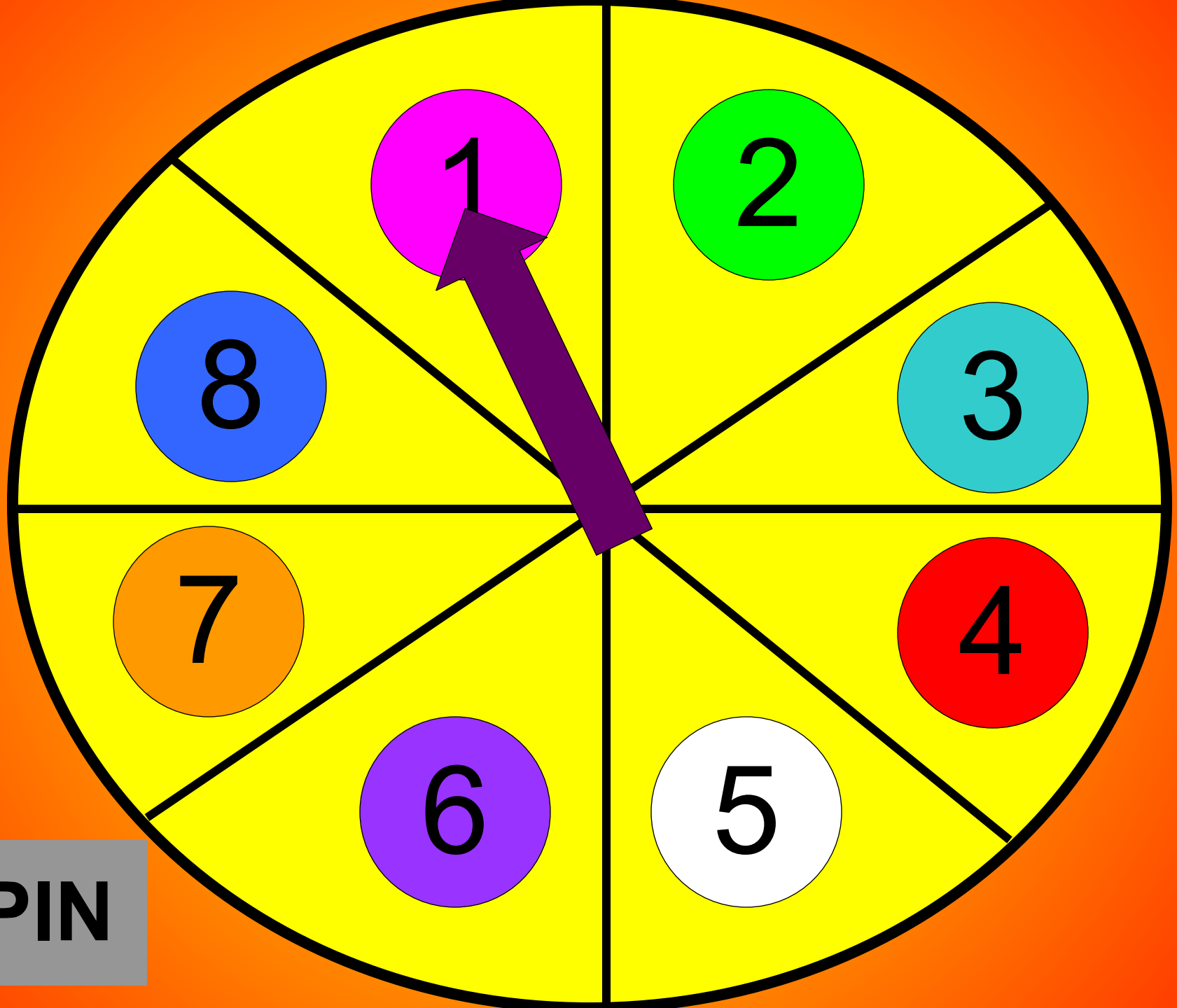
Look at the picture below. What do all of the shapes have in common?



Look at the picture below. What do all of the shapes have in common?

They each have obtuse angles.*

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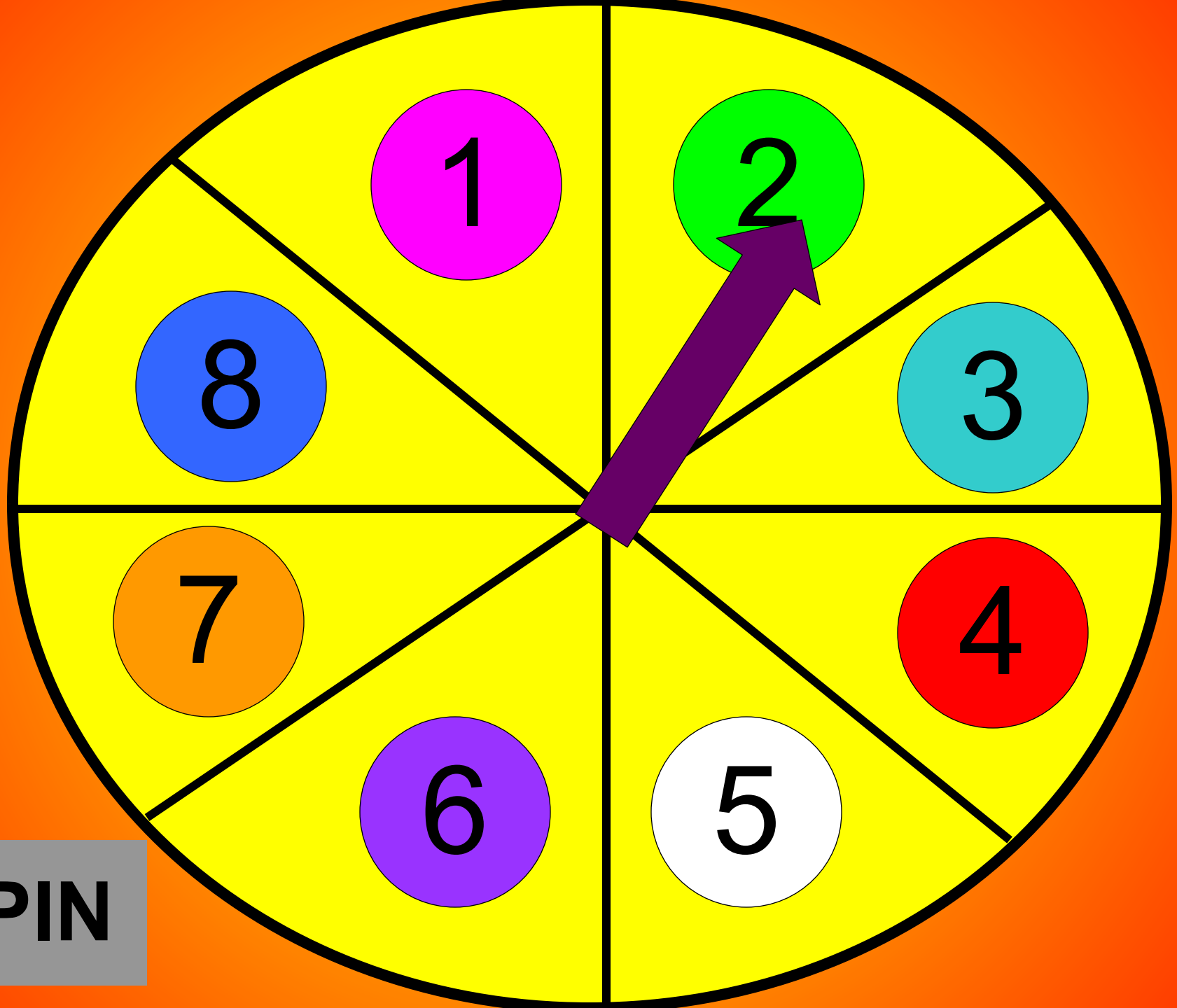
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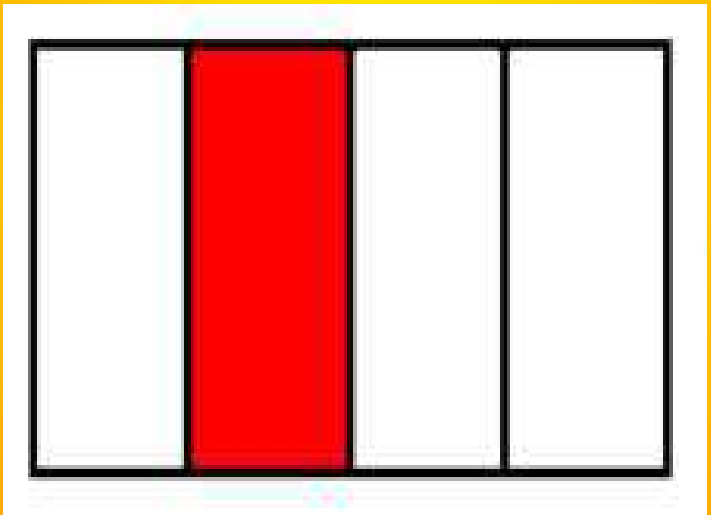
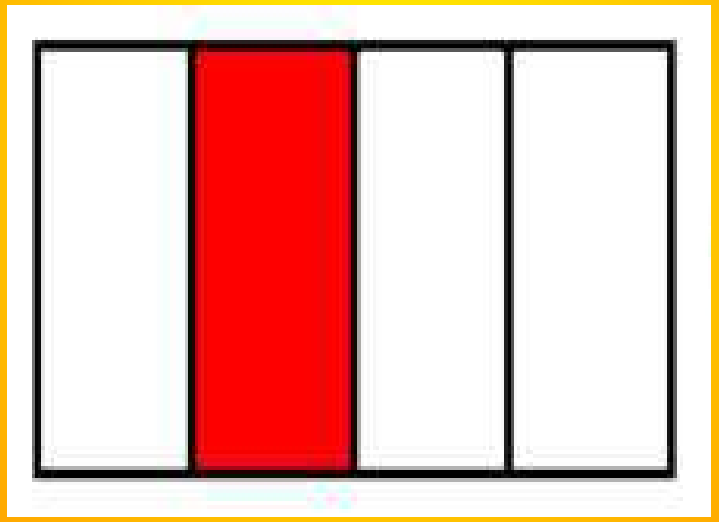
SPIN

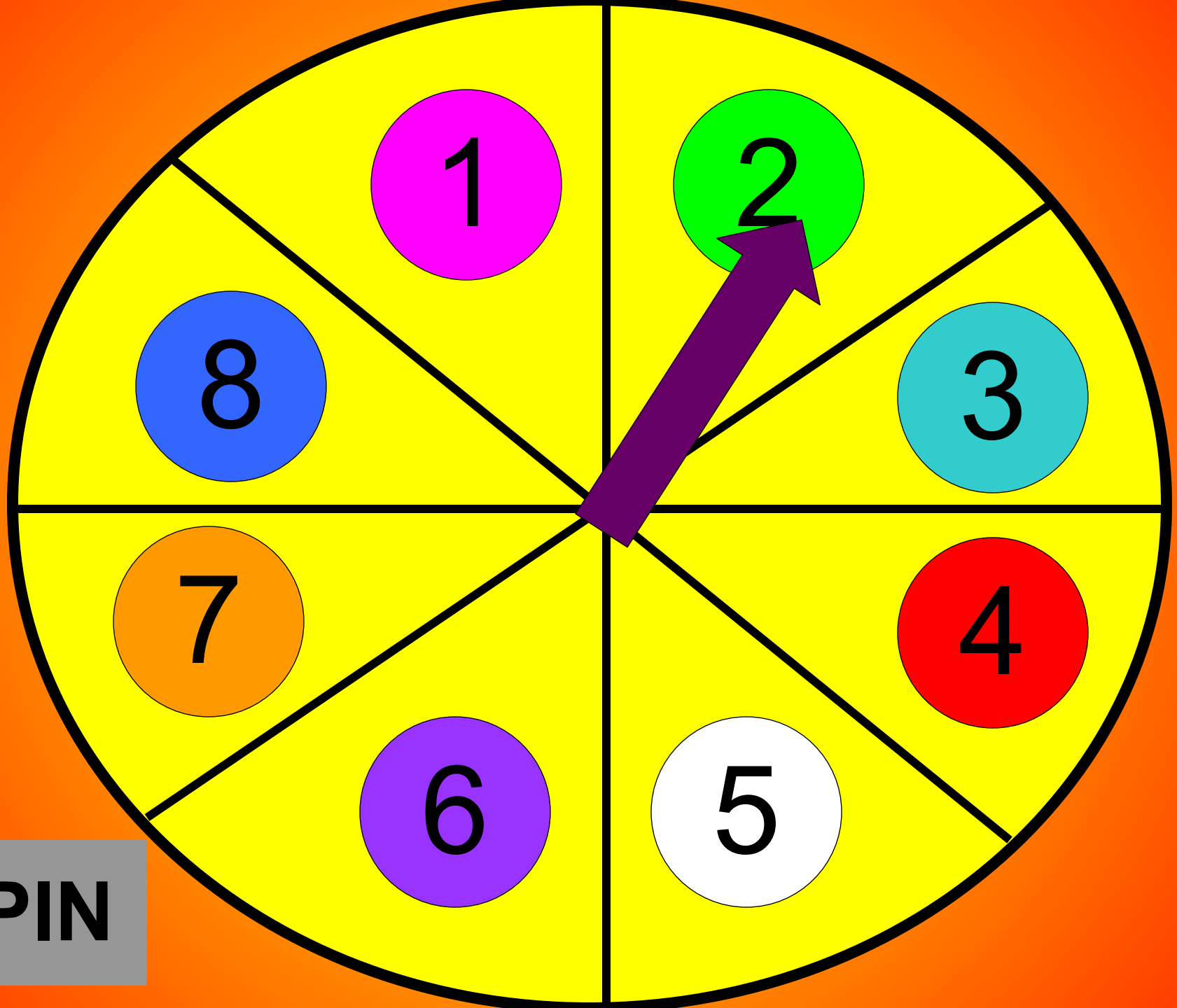
The rectangle below has been divided into equal areas.
What area has been shaded? Express it as a fraction.



The rectangle below has been divided into equal areas.
What area has been shaded? Express it as a fraction.

$\frac{1}{4}$

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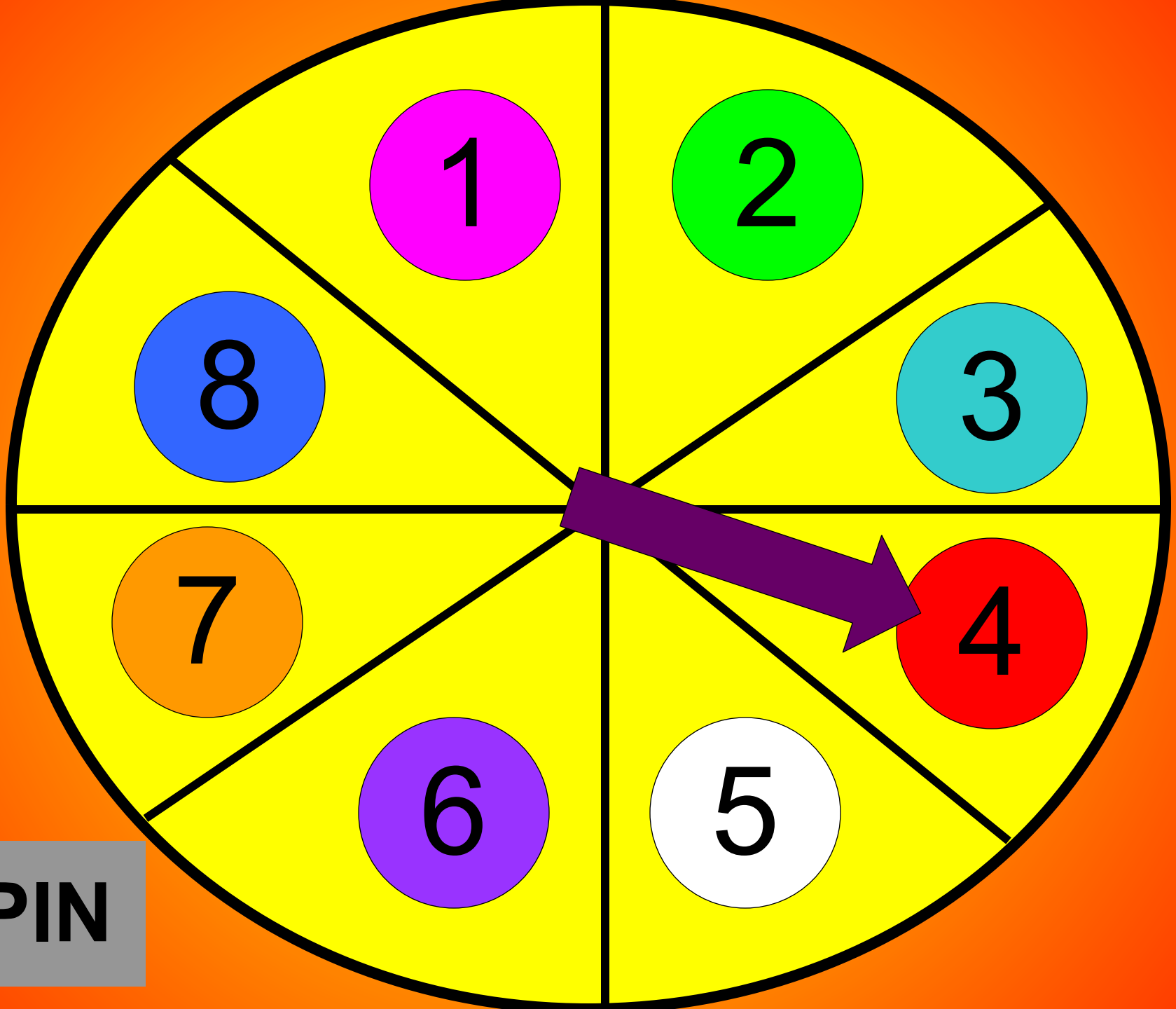
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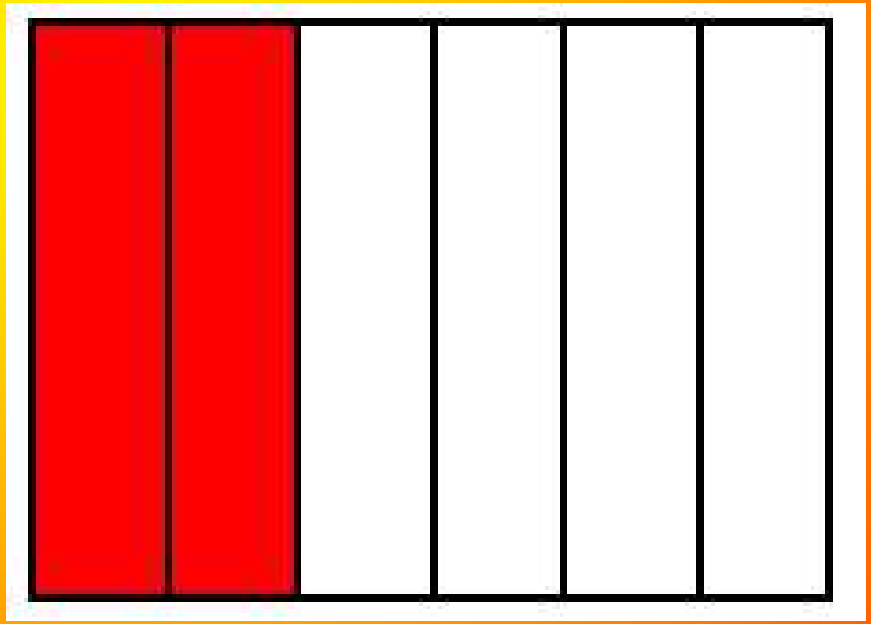
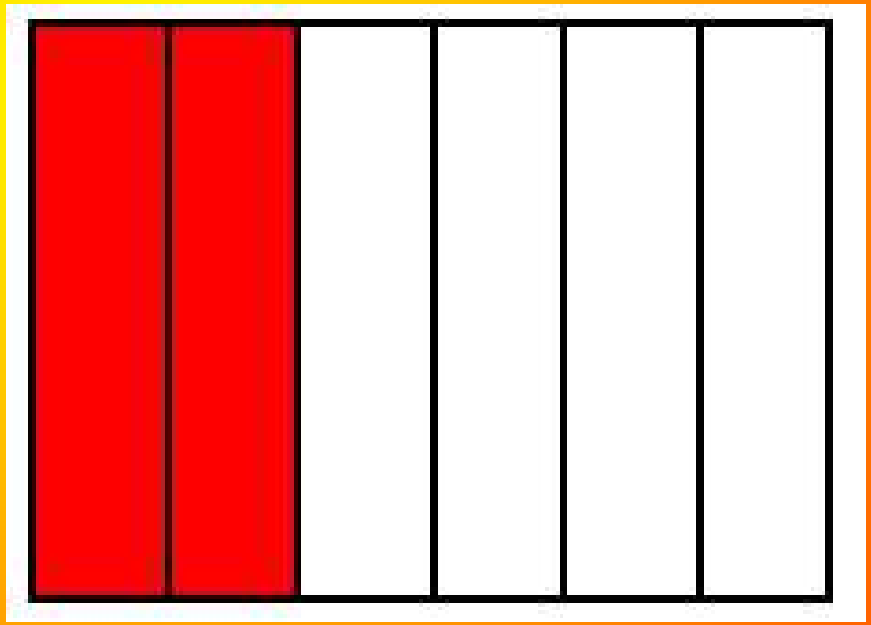
SPIN

The rectangle below has been divided into equal areas.
What area has been shaded? Express it as a fraction.



The rectangle below has been divided into equal areas.
What area has been shaded? Express it as a fraction.

$\frac{2}{6}$



That's All!!!