

4.MD.C.5

ANGLES AS GEOMETRIC SHAPES

TASK CARDS



ANSWER SHEET

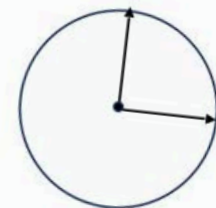
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3.		18.	
4.		19.	
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16 Angles as Geometric Shapes

If an angle is 3 times the size of a 30-degree angle, what is its measure?

Angles as Geometric Shapes
Look at the diagram of the angle below. If the angle turns through 90 one-degree angles, the measure of the angle is 90 degrees.



- c. 180°
d. 60°

30 Angles as

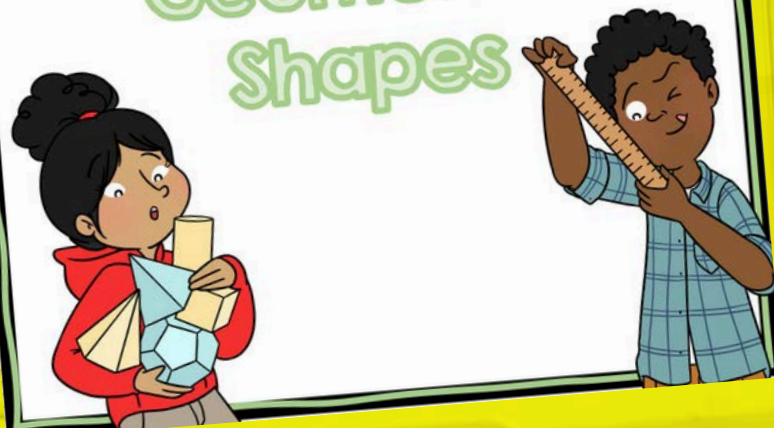
Emma is designing a circular garden. She wants to create an angle that turns through 180 degrees in a circle.

- a. 60°
b. 120°
c. 180°
d. 240°

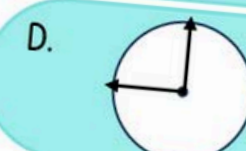
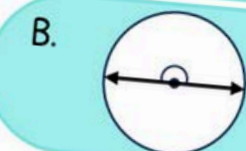
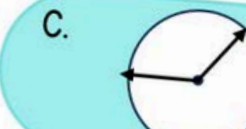
Angles as Geometric Shapes CHALLENGE

A Ferris wheel completes one revolution every 10 minutes. If a passenger gets on at the bottom of the wheel, how many degrees have they traveled $\frac{5}{8}$ of the way around the circle. How many degrees has the wheel traveled?

Angles as Geometric Shapes



Which of the following shows an angle measuring exactly 45 degrees?



PRINTABLE AND DIGITAL

Mag
CORE

- 30 PRINT-AND-GO TASK CARDS
- READY TO USE FOR CENTERS

ANSWER SHEET

Name: _____ Date: _____

Card #	Answer
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1 Angles as Geometric Shapes

Look at the diagram of the angle below. The angle turns through 90 one-degree angles. What is the measure of the angle?



a. 90° c. 180°
b. 45° d. 60°

2 Angles as Geometric Shapes

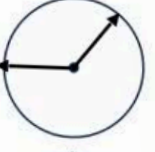
Which angle represents an angle that turns through 180 one-degree angles?

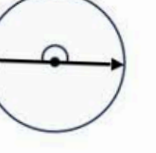
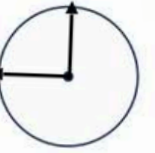
a.  c. 

b.  d. 

3 Angles as Geometric Shapes

Which of the following shows an angle measuring exactly 45 degrees?

a.  c. 

b.  d. 

4 Angles as Geometric Shapes

How many one-degree angles are needed to form a right angle?



a. 30 c. 180
b. 45 d. 90

Angles as Geometric Shapes



Angles as Geometric Shapes CHALLENGE

A Ferris wheel completes one full rotation. A passenger gets on at the bottom and rides until they have traveled $\frac{5}{8}$ of the way around the circle. How many degrees has the passenger traveled?



SELF CORRECTING, INCLUDES REPORTING CERTIFICATE



9 Angles as Geometric Shapes
The angle below is 45° . Which fraction represents the angle?



10 Angles as Geometric Shapes
If an angle turns through 60 one-degree angles, what fraction of a full circle does it cover?



- a. $\frac{30}{360}$ c. $\frac{45}{360}$
b. $\frac{60}{360}$ d. $\frac{15}{360}$

25 Angles as Geometric Shapes

A pizza slice forms a 45° -degree angle. How many slices would be needed to complete a full circle?

- a. 6 slices c. 5 slices
b. 8 slices d. 3 slices

27 Angles as Geometric Shapes

An angle turns through 120 one-degree angles. What is its measure?

- c. 90°
d. 120°

INCORRECT

The correct answer is 90° .

CONTINUE

SHUFFLES CARDS, SO STUDENTS
CAN PRACTICE MORE THAN ONCE

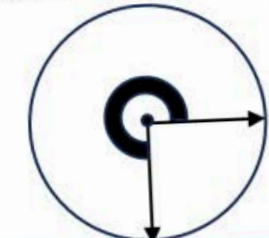
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		22.

Angles as Geometric
CHALLENGE

A Ferris wheel completes one full revolution. A passenger gets on at the bottom and after 5 hours they have traveled $\frac{5}{8}$ of the way around the circle. How many degrees has the passenger traveled?

★★★★★

 If an angle covers 270° on a circle, how many one-degree angles does it turn through?



180 270
90 360

9 Angles as Geometric Shapes

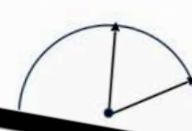
The angle below is 45° . Which fraction represents the angle?



$\frac{1}{8}$

10 Angles as Geometric Shapes

If an angle turns through 60 one-degree angles, what fraction of a full circle does it cover?



8 Angles as Geometric Shapes

An angle represents one-fourth of a complete turn in a circle?



c. 15°
d. 25°

Angles as Geometric Shapes

Measure of a turn that goes one-fourth of a complete turn in a circle?

c. 15°
d. 25°



STANDARDS ALIGNED

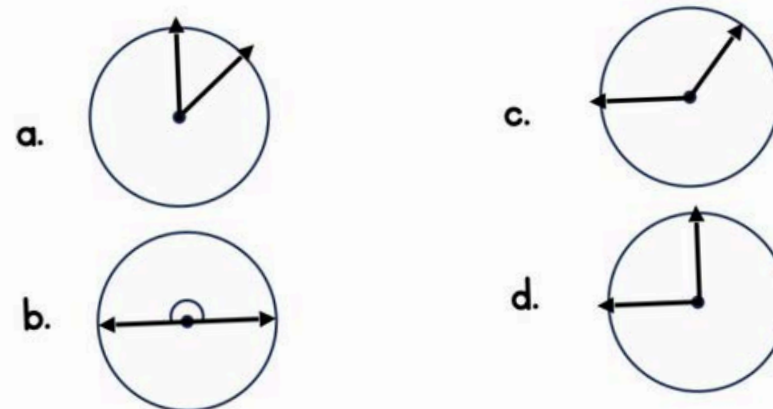
14 Angles as Geometric Shapes

What is the measure of an angle that turns through 200 one-degree angles?

- a. 180°
- b. 360°
- c. 200°
- d. 160°

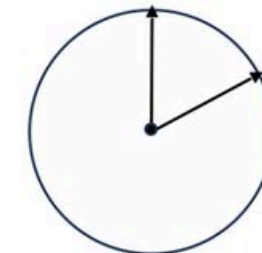
3 Angles as Geometric Shapes

Which of the following shows an angle measuring exactly 45 degrees?



6 Angles as Geometric Shapes

The angle below is 60° . Which fraction represents the angle?



- a. $\frac{30}{360}$
- b. $\frac{1}{3}$
- c. $\frac{1}{6}$
- d. $\frac{1}{4}$

Angles as Geometric Shapes CHALLENGE

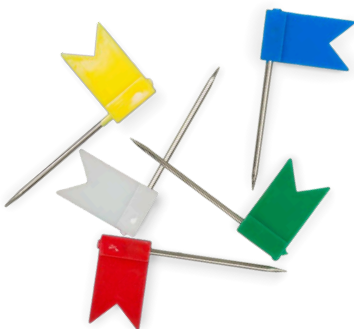
A Ferris wheel completes one full rotation. A passenger gets on at the bottom and rides until they have traveled $\frac{5}{8}$ of the way around the circle. How many degrees has the passenger traveled?

21 Angles as Geometric Shapes

Lila turns a spinner 90 degrees to the right. How much of a full turn has she made?

- a. $\frac{1}{3}$
- b. $\frac{1}{6}$

USE OVER AND OVER FOR CENTERS, GAMES, AND REVIEW



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Angles as Geometric Shapes

9 The angle below is 45°. Which fraction represents the angle?



a. $\frac{30}{360}$ c. $\frac{1}{8}$
b. $\frac{1}{45}$ d. $\frac{1}{4}$

Angles as Geometric Shapes

10 If an angle turns through 60 one-degree angles, what fraction of a full circle does it cover?



a. $\frac{30}{360}$ c. $\frac{45}{360}$
b. $\frac{60}{360}$ d. $\frac{15}{360}$

Angles as Geometric Shapes

30 Emma is designing a new road sign. She wants to create an angle that is one-sixth of a full turn in a circle. What should the measure of the angle be?

a. 60° c. 180°
b. 120° d. 90°

Angles as Geometric Shapes

11 How many degrees are in a full turn of a circle?

a. 360° c. 270°
b. 90° d. 180°

Angles as Geometric Shapes

12 An angle turns through 180°. What is the measure of the angle?

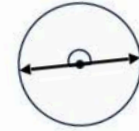
a. 240° c. 180°
b. 180° d. 270°

Angles as Geometric Shapes

16 If an angle is 3 times the size of a 30-degree angle, what is its measure?

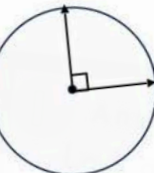
Angles as Geometric Shapes

2 Which angle represents an angle that turns through 180 one-degree angles?

a.  c. 
b.  d. 

Angles as Geometric Shapes

4 How many one-degree angles are needed to form a right angle?



a. 30 c. 180
b. 45 d. 90

Angles as Geometric Shapes

13 The angle below. The three angles. What is the measure of the angle?



a. 90° c. 180°
b. 45° d. 60°

