

Math

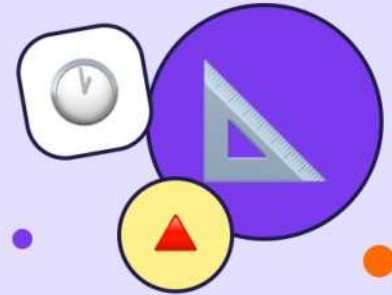
Grade 4

# Angle hunters

Find acute, right and obtuse angles in shapes and clocks.



I can name and compare angles.



1

**Sort it**

Write each word in the right box.

90°

150°

30°

60°

100°

120°

15°

acute

right

obtuse

2

**Pick the answer**

Circle the right answer.

1. An angle of 90° is...

A right

B acute

C obtuse

2. An angle of 130° is...

A acute

B obtuse

C right

3. An angle of 45° is...

A right

B obtuse

C acute

4. A straight line makes an angle of...

A 180°

B 90°

C 360°

### 3 Fill the gaps

Use the word bank to complete each sentence.

WORD BANK

180

360

90

1. A full turn is \_\_\_\_\_ degrees.
2. A half turn is \_\_\_\_\_ degrees.
3. A quarter turn is \_\_\_\_\_ degrees.

### 4 True or false

Circle true or false.

1. A right angle is  $90^\circ$ .
2. An obtuse angle is smaller than a right angle.
3. An acute angle is less than  $90^\circ$ .
4. A square has 4 right angles.
5. Angles on a straight line add up to  $360^\circ$ .
6. At 3 o'clock the clock hands make a right angle.

True

False

True

False

True

False

True

False

True

False

True

False

### 5 Missing angles

Work out the missing angle.

1.  $120^\circ + \underline{\hspace{2cm}}^\circ = 180^\circ$
2.  $70^\circ + \underline{\hspace{2cm}}^\circ = 180^\circ$
3.  $35^\circ + \underline{\hspace{2cm}}^\circ = 90^\circ$
4.  $\underline{\hspace{2cm}}^\circ + 45^\circ = 90^\circ$
5.  $150^\circ + \underline{\hspace{2cm}}^\circ = 180^\circ$
6.  $90^\circ + 90^\circ + 90^\circ + \underline{\hspace{2cm}}^\circ = 360^\circ$

## 6 Compare

Write  $>$ ,  $<$  or  $=$  in each circle.

$45^\circ$



$90^\circ$

$180^\circ$



$2 \times 90^\circ$

$120^\circ$



$100^\circ$

a right  
angle



an acute  
angle

## 7 Clock angles

Circle the right answer.

1. What angle do the hands make at 6 o'clock?

A  $90^\circ$

B  $180^\circ$

C  $360^\circ$

2. What kind of angle do the hands make at 1 o'clock?

A acute

B right

C obtuse

3. What kind of angle do the hands make at 5 o'clock?

A right

B acute

C obtuse

4. A quarter turn and then a half turn is...

A  $180^\circ$

B  $270^\circ$

C  $360^\circ$

8



**Draw it**

Draw one acute, one right and one obtuse angle. Label each one.



How did it go?



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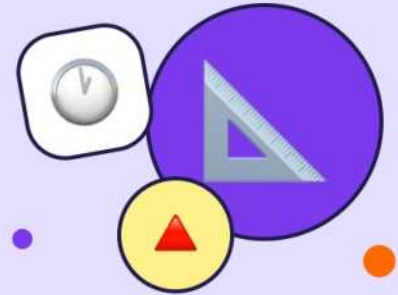
Answer key

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150°

30°

60°

100°

120°

15°

acute

30°, 60°, 15°

right

90°

obtuse

120°, 150°, 100°

2



Pick the answer

Circle the right answer.

1. An angle of 90° is...

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3. An angle of 45° is...

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4. A straight line makes an angle of...

A 180°

B 90°

C 360°

### 3 Fill the gaps

Use the word bank to complete each sentence.

WORD BANK

180

360

90

1. A full turn is 360 degrees.
2. A half turn is 180 degrees.
3. A quarter turn is 90 degrees.

### 4 True or false

Circle true or false.

1. A right angle is  $90^\circ$ .
2. An obtuse angle is smaller than a right angle.
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True

False

True

False

True

False

True

False

True

False

True

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### 5 Missing angles

Work out the missing angle.

1.  $120^\circ + \underline{60}^\circ = 180^\circ$
2.  $70^\circ + \underline{110}^\circ = 180^\circ$
3.  $35^\circ + \underline{55}^\circ = 90^\circ$
4.  $\underline{45}^\circ + 45^\circ = 90^\circ$
5.  $150^\circ + \underline{30}^\circ = 180^\circ$
6.  $90^\circ + 90^\circ + 90^\circ + \underline{90}^\circ = 360^\circ$

## 6 Compare

Write  $>$ ,  $<$  or  $=$  in each circle.

$45^\circ$



$90^\circ$

$180^\circ$



$2 \times 90^\circ$

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$100^\circ$

a right  
angle



an acute  
angle

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How did it go?



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