Year 5 maths: Angles: right, acute, obtuse, straight and reflex (Easy)

Maths · Shapes and space
Level: Easy

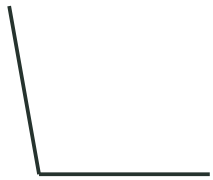
Student: _____ Date: _____

Instructions
- There are 10 questions. Read each one carefully.
- Write your answers on this paper. Use the space under a question to work it out.
- A grown-up can read a question aloud — that's fine.
- The answers are at the end. Check them together when you have finished.

Questions

1. Name this angle.

Circle one answer.



○ **A** obtuse ○ **B** straight ○ **C** acute ○ **D** right

2. What kind of angle is drawn here?

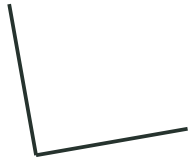
Circle one answer.



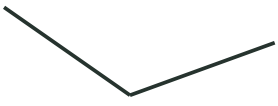
○ **A** acute ○ **B** obtuse ○ **C** right ○ **D** straight

3. Which picture shows an acute angle?

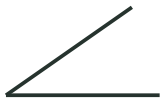
Circle one answer.



○ **A** Angle A



○ **B** Angle B



○ **C** Angle C

4. What angle do the clock hands make at 2 o'clock?

Circle one answer.



○ **A** Less than a right angle

○ **B** A right angle

○ **C** Between a right angle and a straight angle

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5. What angle do the clock hands make at 9 o'clock?

Circle one answer.



○ **A** Less than a right angle

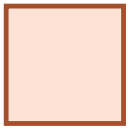
○ **B** A right angle

○ **C** Between a right angle and a straight angle

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6. How many right angles does this shape have?

Answer: ☐ right angles

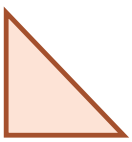


Working:

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7. How many right angles does this triangle have?

Answer: ☐ right angle

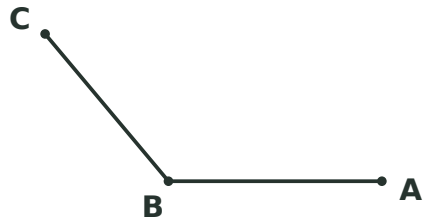


Working:

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8. What type of angle is marked at B?

Circle one answer.



○ **A** right ○ **B** acute ○ **C** reflex ○ **D** obtuse

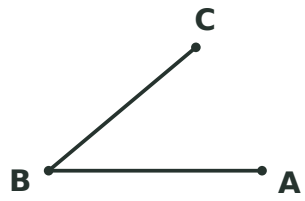
9. Which angle is smaller than a right angle?

Circle one answer.

○ **A** 45° ○ **B** 120° ○ **C** 90° ○ **D** 180°

10. Which word describes the angle at B?

Circle one answer.



○ **A** obtuse ○ **B** reflex ○ **C** right ○ **D** acute

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Answer key

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1. A — obtuse
It is wider than a right angle but smaller than a straight line: obtuse.

2. C — right
It is a square corner: a right angle.

3. C — Angle C
Only one of these is acute: compare each with a paper corner.

4. A — Less than a right angle
Hands at 12 and 2 are closer than a quarter turn: acute.

5. B — A right angle
Hands at 12 and 9 make a quarter turn: a right angle.

6. 4 right angles
A square has 4 right angles.

7. 1 right angle
Only one corner is square.

8. D — obtuse
The angle at B is wider than a right angle but less than a straight line, so it is obtuse.

9. A — 45°
A right angle is 90°. Only 45° is smaller.

10. D — acute
The angle at B is smaller than a right angle, so it is acute.