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

Maths · Shapes and space
Level: Medium

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 the angle at the meeting point.

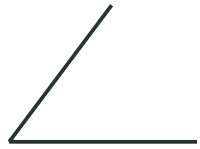
Circle one answer.



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

2. Is this angle acute, right, obtuse or straight?

Circle one answer.



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

3. Pick the right name for this angle.

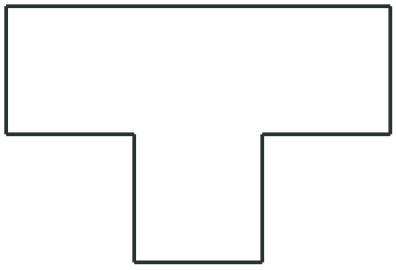
Circle one answer.



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

4. Count the right angles in this T-shaped figure.

Answer: _____ right angles



Working:

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

Circle one answer.



○ **A** A right angle

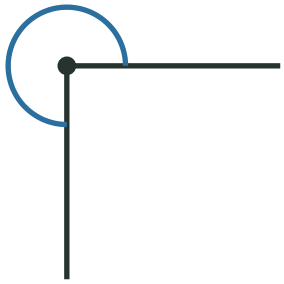
○ **B** Between a right angle and a straight angle

○ **C** A straight angle

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6. What kind of angle is this?

Circle one answer.



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

○ **B** A straight angle

○ **C** More than a straight angle

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7. What kind of angle is this?

Circle one answer.



○ **A** A right angle

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

○ **C** More than a straight angle

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8. An angle bigger than a straight angle is called...

Circle one answer.

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

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9. Which of these is a reflex angle?

Circle one answer.

○ **A** 175° ○ **B** 180° ○ **C** 95° ○ **D** 265°

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10. Which turn is the biggest?

Circle one answer.

○ **A** a quarter turn ○ **B** three right angles ○ **C** a half turn

○ **D** 100°

Answer key

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1. D — acute
Compare it with a right angle and with a straight line.

2. D — acute
Compare it with a right angle and with a straight line.

3. B — obtuse
Compare it with a right angle and with a straight line.

4. 6 right angles
Check each corner with a paper corner. The inside bends are reflex angles. Right angles: 6.

5. C — A straight angle
Hands at 12 and 6 point opposite ways: a straight line.

6. C — More than a straight angle
270 degrees is bigger than a straight angle: reflex.

7. B — Between a right angle and a straight angle
150 degrees is wider than a right angle but not a straight line: obtuse.

8. C — reflex
Past a straight line, the angle is reflex.

9. D — 265°
Only 265° is bigger than a straight line (180°) and less than a full turn.

10. B — three right angles
Three right angles is 270°. A quarter turn is 90°, 100° is 100° and a half turn is 180°.