

Name:

Date:

KS2 Quiz

Unit title: Light and reflection

1 Light travels in a...

- A ...curved line.
- B ...bent line.
- C ...straight line.
- D ...downward line.

2 Which of these does light never do when it reaches a surface?

- A Stop.
- B Reflect.
- C Change direction.
- D Pass through.

3 Which material would reflect light like this?

- A Paper.
- B Sponge.
- C Carpet.
- D Mirror.

4 Light enters the eye through the...

- A ...iris.
- B ...lens.
- C ...pupil.
- D ...nerve.

5 Which of the following is luminous?

- A A light bulb.
- B The Moon.
- C A mirror.
- D Tin foil.

6 What was the conclusion from the shadow experiment that changed the distance between the shape and the whiteboard?

- A The further away the shape, the smaller the shadow.
- B The further away the shape, the larger the shadow.
- C The distance had an unknown effect on the shadow.
- D The distance had no effect on the size of the shadow.

7 What is this ray of light known as?

- A The incoming ray.
- B The reflected ray.
- C The incident ray.
- D The outcome ray.

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8 When light reflects off the mirror, what best describes the relationship between these two angles (1 and 2)?

A As you increase angle 1, angle 2 decreases.

B As you increase angle 1, angle 2 increases.

C As you increase angle 1, angle 2 decreases by the same amount.

D As you increase angle 1, angle 2 increases by the same amount.

9 Which periscope would work?

A 1.

B 2.

C 3.

D All of them.

10 Explain why this person may struggle to see when cooking in the evenings and suggest a better location for light to solve this problem. Explain your ideas.