

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.