

Name:

Date:

KS2 Quiz

Unit title: Light and shadows

1 A light source is something that...

- A ...stops light.
- B ...takes in light.
- C ...gives out light.
- D ...blocks light.

2 Which of the following is not a source of light?

- A The Moon.
- B The Sun.
- C A torch.
- D A phone screen.

3 What happens to light when it reflects off a surface?

- A It bounces off.
- B It can go into our eyes.
- C It can move to somewhere else.
- D All of the above.

4 An opaque material.

- A ...gives out light.
- B ...blocks light.
- C ...lets some light through.
- D ...lets most light through.

5 A transparent material...

- A ...gives out light.
- B ...blocks light.
- C ...lets some light through.
- D ...lets most light through.

6 A translucent material...

- A ...gives out light.
- B ...blocks light.
- C ...lets some light through.
- D ...lets most light through.

7 Compared to the morning, a shadow at midday will be...

- A ...the same.
- B ...shorter.
- C ...longer.
- D ...a different colour.

8 When a light source moves closer to an object, its shadow...

- A ...gets bigger.
- B ...gets smaller.
- C ...stays the same.
- D ...changes colour.

9 To protect our eyes from light, we should...

- A ...wear sunglasses.
- B ...not look directly at the Sun.
- C ...not shine lights directly in them.
- D All of the above.

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What would be different about the shadows for these cups? Why?

Write the answer in your book or on the back of this sheet.