



Name: ..... Form: .....

See pages 22 and 23 of *Light and shadows*

# Letting light through

Some objects let light through. When these objects are perfectly clear, we call them transparent. Otherwise we call them translucent.

**Q1.** You have an opaque block the size and shape of a domino, a transparent block the same shape and size and a torch.

In the space above, draw how you would show that the transparent object makes a weaker shadow than the opaque one.

**Q2.** Name three materials that are transparent.


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**Q3.** Name two things which are translucent.

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**Q4.** Name two coloured materials which act as filters.

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**Q5.** If you look through a red filter, what colour of light passes through it and into your eyes?  .....

**Q6.** Explain how you can make a light bulb shine with a green light.

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