

Answer all the questions below:

 Click mouse to reveal answer

1) Unscramble the following words:

ectruspm

curolo

ergeny

rioeflectn

2) Make three sentences using the following nine words or phrases:

light
light
ray diagrams

transfers energy
reflected / refracted
light rays

source
dispersed
travel

3) Match the word or phrase with the right meaning:

Light

The result of white light being split into its seven colours

Refraction

Travels in waves in all directions from a point source

Spectrum

Change of direction when moving to different materials

Answer all the questions below:

1) Unscramble the following words:

spectrum

colour

energy

reflection

2) Make three sentences using the following nine words or phrases:

light
light
ray diagrams

transfers energy
reflected / refracted
light rays

source
dispersed
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3) Match the word or phrase with the right meaning:

Light



Travels in waves in all directions from a point source

Refraction



Change of direction when moving to different materials

Spectrum



The result of white light being split into its seven colours

complete the sentence

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Place the right word or words to complete the sentence:



Click mouse to reveal answer

source

reflects

black

waves

bulb

seven

shiny

bends

filters

- a) When light travels from a _____ , it travels in all directions at 300,000 km per second.
- b) When light meets a _____ object like a mirror, most of the light is reflected.
- c) Light travels in _____ and does not require a medium to transmit it.
- d) Good examples of light sources include a light _____ and the sun.
- e) White light is a mixture of the _____ colours of the rainbow.
- f) Light _____ when it either speeds up or slows down going from one material to another.
- g) Coloured _____ change the colour of the light passing through them.
- h) Black objects appear _____ in white light because they absorbs all colours of light.
- i) We can see the moon because it _____ the light from the sun.

complete the sentence

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source

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- a) When light travels from a source, it travels in all directions at 300,000 km per second.
- b) When light meets a shiny object like a mirror, most of the light is reflected.
- c) Light travels in waves and does not require a medium to transmit it.
- d) Good examples of light sources include a light bulb and the sun.
- e) White light is a mixture of the seven colours of the rainbow.
- f) Light bends when it either speeds up or slows down going from one material to another.
- g) Coloured filters change the colour of the light passing through them.
- h) Black objects appear black in white light because they absorb all colours of light.
- i) We can see the moon because it reflects the light from the sun.