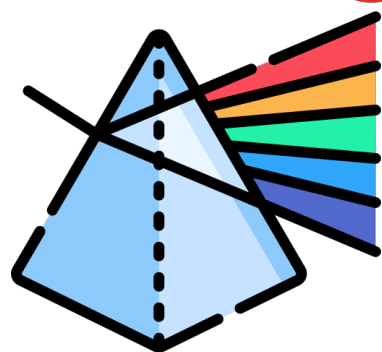




QUICK COMPREHENSION - LIGHT



Light is a form of energy. The Sun is a vital source of light energy. Without the energy from the Sun, there would be no life on Earth. Did you know that plants turn light energy from the Sun into food? This is called photosynthesis. The speed of light is incredible, at approximately 670,616,629 mph! Light that we see from the sun actually left the sun 8 minutes and 20 seconds earlier; that's how long it takes light to travel from the Sun to Earth. For light to get from the earth to the moon it takes just over 1 second. Sunlight (which is made up of the colours red, orange, yellow, green, blue, indigo, and violet) is fairly powerful. Light from the sun can reach a depth of 80 meters in the ocean.



Five W's - Write the correct answer in the box.

What is light?	
What can plants do with energy from light?	
How long does it take for light to travel from the sun to Earth?	
How deep into to ocean can light travel?	

Matching - Draw lines to join the information.

Plants making their food from light	Just over 1 second
Speed of light	photosynthesis
Time for light to get from Earth to the moon	670,616,629 mph

True or False - Write T (True) or F (False).

We can live on Earth without the sun's energy.	
Plants turn sunlight into food.	
It takes 1 second for light to travel from the sun to Earth.	
Sunlight is fairly powerful.	

Fill in the Gap - Write the missing word from the text.

Without the _____ from the Sun, there would be no life on Earth.
The _____ of light is incredible, at approximately 670,616,629 mph!
For light to get from the earth to the _____ it takes just over 1 second.
Light from the sun can reach a _____ of 80 meters in the ocean.

Multiple Choice - How long does it take light to travel from the sun to Earth? (Circle the correct answer)

670,616,629 seconds	1 second	20 seconds	8 minutes 20 seconds
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Sequence in Order - In what order do these appear in the text? (Write 1, 2, 3 and 4 in the smaller boxes)

incredible		Photo-synthesis		moon		ocean	
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Circle the Word - Circle the word that means arrive at; get as far as.

Light from the sun can reach a depth of 80 meters in the ocean.

Find and Copy - Write the word that suggests the speed of light is amazing and remarkable.

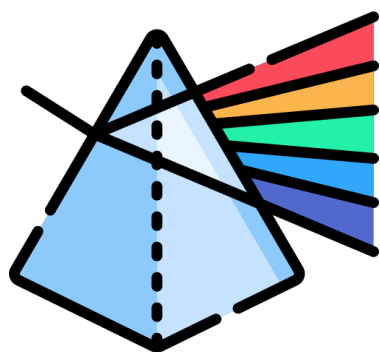
The speed of light is incredible, at approximately 670,616,629 mph!



QUICK COMPREHENSION - ANSWERS



Light is a form of energy. The Sun is a vital source of light energy. Without the energy from the Sun, there would be no life on Earth. Did you know that plants turn light energy from the Sun into food? This is called photosynthesis. The speed of light is incredible, at approximately 670,616,629 mph! Light that we see from the sun actually left the sun 8 minutes and 20 seconds earlier; that's how long it takes light to travel from the Sun to Earth. For light to get from the earth to the moon it takes just over 1 second. Sunlight (which is made up of the colours red, orange, yellow, green, blue, indigo, and violet) is fairly powerful. Light from the sun can reach a depth of 80 meters in the ocean.



Five W's - Write the correct answer in the box.

What is light?	A form of energy
What can plants do with energy from light?	Make food
How long does it take for light to travel from the sun to Earth?	8 minutes and 20 seconds
How deep into to ocean can light travel?	80 m

Matching - Draw lines to join the information.

Plants making their food from light	Just over 1 second
Speed of light	photosynthesis
Time for light to get from Earth to the moon	670,616,629 mph

True or False - Write T (True) or F (False).

We can live on Earth without the sun's energy.	F
Plants turn sunlight into food.	T
It takes 1 second for light to travel from the sun to Earth.	F
Sunlight is fairly powerful.	T

Fill in the Gap - Write the missing word from the text.

Without the energy from the Sun, there would be no life on Earth.
The speed of light is incredible, at approximately 670,616,629 mph!
For light to get from the earth to the moon it takes just over 1 second.
Light from the sun can reach a depth of 80 meters in the ocean.

Multiple Choice - How long does it take light to travel from the sun to Earth? (Circle the correct answer)

670,616,629 seconds	1 second	20 seconds	8 minutes 20 seconds
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Sequence in Order In what order do these appear in the text? (Write 1, 2, 3 and 4 in the smaller boxes)

incredible	2	Photo-synthesis	1	moon	3	ocean	4
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Circle the Word - Circle the word that means arrive at; get as far as.

Light from the sun can **reach** a depth of 80 meters in the ocean.

Find and Copy - Write the word that suggests the speed of light is amazing and remarkable.

The speed of light is **incredible**, at approximately 670,616,629 mph!

incredible