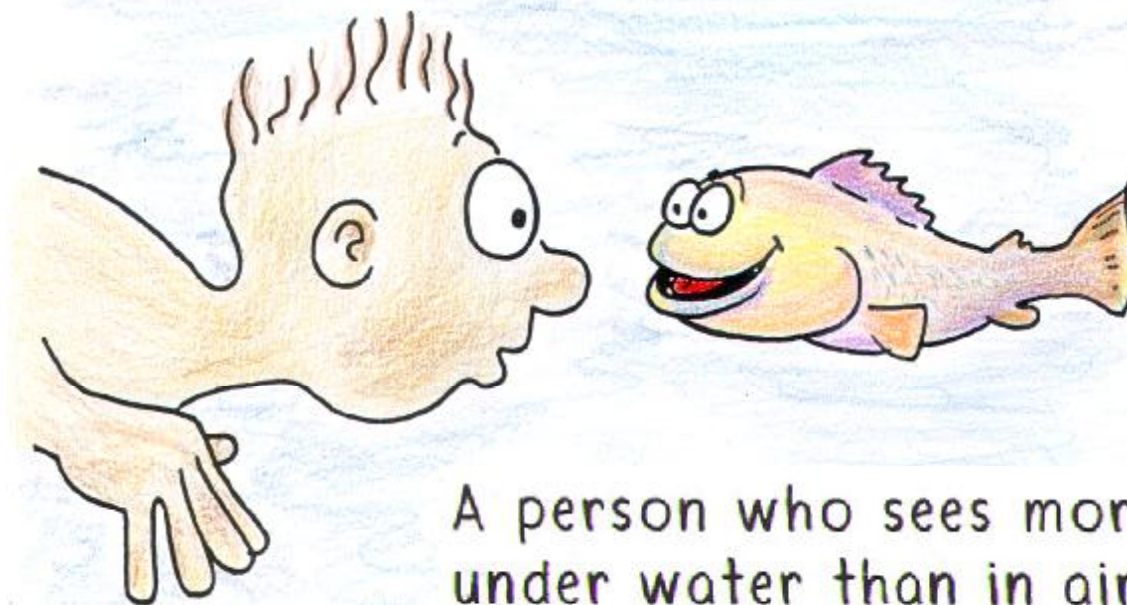


# NEXT-TIME QUESTION

CONCEPTUAL Physics



A person who sees more clearly under water than in air without eyeglasses is

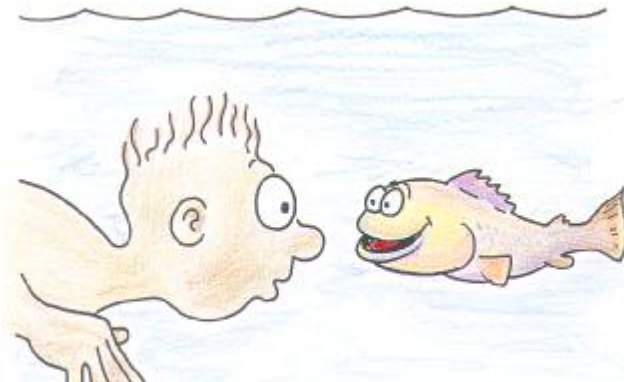
- a) nearsighted.
- b) farsighted.
- c) neither.



# NEXT-TIME QUESTION

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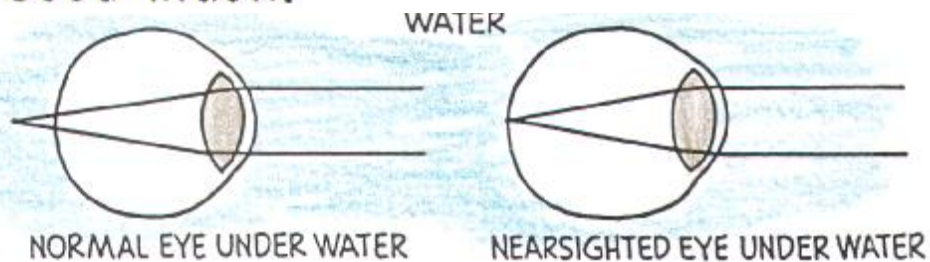
- a) nearsighted.
- b) farsighted.
- c) neither.



**Answer: a, nearsighted**

The speed of light in water is less than in air, so the change in speed is less as light goes from water to your eye. Less refraction occurs. This makes all people more farsighted under water, which is advantageous if you're nearsighted. If you're very nearsighted, the image may fall on your retina and you'll see as clearly under water as a person with normal vision who wears an air-enclosed mask.

ARE FISH NEARSIGHTED OR FARSIGHTED IN AIR?



Hewitt  
Drawit!

