

Name :

Physics video of the week, number 2

You don't know how mirrors work

<https://youtu.be/rYLzxcU6ROM>

I

True or false?

Circle the correct answer and justify if it's false

- T/F 1 Mirrors flip images left-to-right.
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- T/F 2 In the painting shown in the video, the girl is looking at herself in a mirror.
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- T/F 3 The law of reflection can be explained by modeling light as a wave.
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- T/F 4 Each silver atom hit by a lightwave radiates its own light in a specific direction.
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- T/F 5 The law of reflection can be explained by modeling light as a stream of photons.
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- T/F 6 Each individual photon follows the law of reflection to arrive to the detector.
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- T/F 7 Diffraction can be explained using light rays.
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II

Translate into English

- ◇ Champ :
- ◇ Perturbation :
- ◇ Onde de probabilité :
- ◇ Chemin :
- ◇ Bord :