

P2. A flashlight close to a wall produces a small circle of light compared to the circle it makes when the flashlight is far from the wall. Does more light reach the wall when the flashlight is further away?

___ Yes

___ No (Check one)

Explain your answer.

P-2 Coding Guide

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Code	Response
Correct Response	
10	No. Explains that the same amount reaches the wall.
11	No. Explains that the same amount of light reaches the wall but more spread out.
12	No. Less light reaches the wall because of light absorption by the air.
19	Other correct.
Incorrect Response	
70	Yes. Because light covers a bigger area. <i>Examples: Because the light covers a bigger area.</i> <i>Because light can expand.</i> <i>Because light spreads out.</i>
71	Yes. No explanation.
72	No. There is less light at a greater distance.
73	No. No explanation.
79	Other incorrect.
Nonresponse	
90	Crossed out/erased, illegible, or impossible to interpret.
99	BLANK