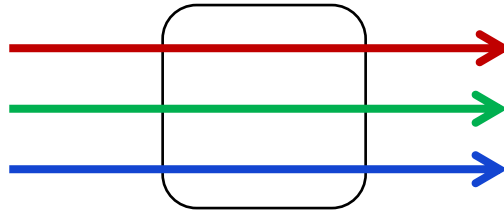
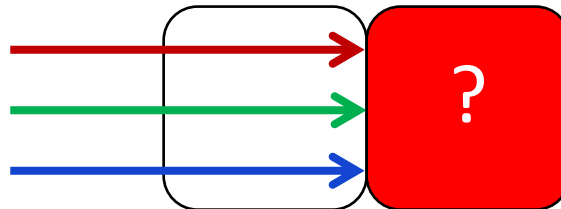


## Worksheet – Wavelength Demultiplexing

1. Shine all coloured LEDs through the clear jelly. You should see that all the colours get transmitted through.



2. Now, place the red (strawberry) jelly box after the clear jelly box. What do you observe?

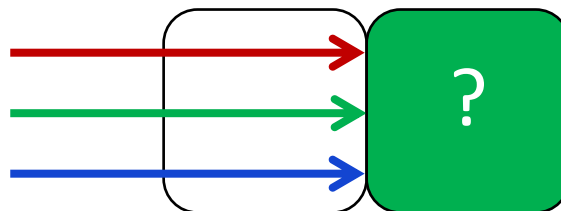



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3. Next, place the green (lime) jelly box after the clear jelly box. What do you observe?

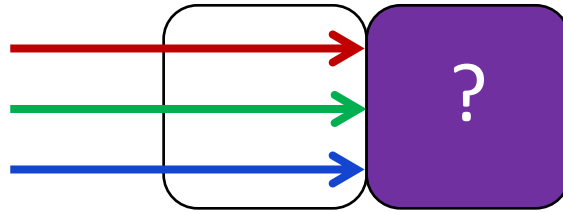



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4. Finally, place the purple (blackcurrant) jelly box after the clear jelly box. What do you observe?



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