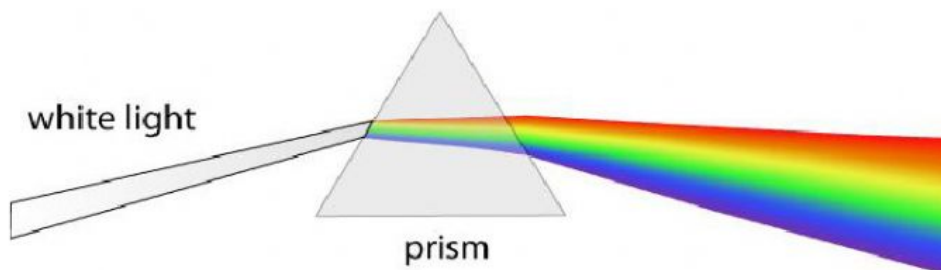


1. Idlan directs a narrow light ray towards a glass prism as in the diagram below until a sharp colour spectrum is formed.



- a) What happens to the light directed to the glass prism? Explain your answer.

The white light will be separated into \_\_\_\_\_ different colour constituents and each colour has different \_\_\_\_\_. When light travels through different medium, the \_\_\_\_\_ of the light also changes. The situation is known as \_\_\_\_\_. The fastest light will be the \_\_\_\_\_ refracted.

- b) Complete the colour constituents in the spectrum formed in sequence.

YELLOW	VIOLET	INDIGO	ORANGE	GREEN	BLUE
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RED						
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