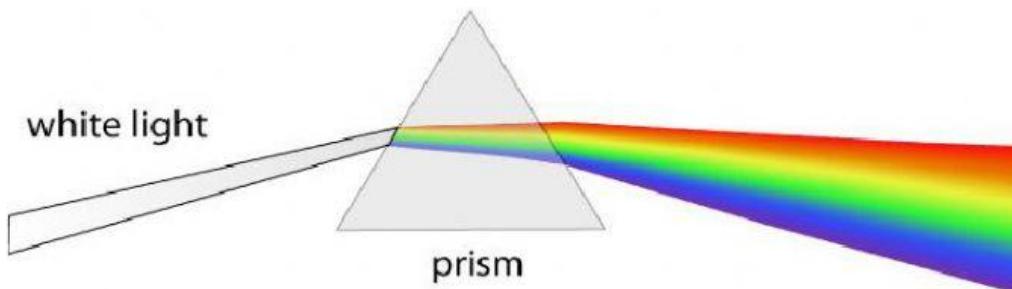


1. Idran directs a narrow light ray towards a glass prism as in the diagram below until a sharp colour spectrum is formed.



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

RED							
-----	--	--	--	--	--	--	--