

YEAR 07

Physics Homework

Section 7Le

**Starry, starry nights**

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Questions: 4, 6 and 7

*4. What is a **constellation**?*

It's a **small group of stars** that create a **pattern** and can be seen in the night sky **without** any use of observing equipment like a **telescope**.

*6. Does a '**light year**' measure distance or time?*

Off course it measures distance.

*7. If astronomers look at a galaxy, what would they be looking at?*

If they would be looking **without** the assistance of a **telescope**, they would be looking at **fuzzy patches of light**. **With** the use of a **telescope**, they would see a **very large group of stars**.