

- 4 There are several different methods that can be used to determine the distance from our solar system to astronomical objects. These include the measurement of red shift, trigonometrical parallax and the use of standard candles.

Which row of the table shows a suitable method for each of the objects named?

	Nearby star	Nearby galaxy	Very distant galaxy
<input checked="" type="checkbox"/> A	parallax	red shift	standard candle
<input checked="" type="checkbox"/> B	red shift	standard candle	parallax
<input checked="" type="checkbox"/> C	parallax	standard candle	red shift
<input checked="" type="checkbox"/> D	red shift	parallax	standard candle

(Total for Question 4 = 1 mark)