

INDIGO H

- 1) $6\frac{1}{2} \times \frac{15}{26}$
- 2) $5\frac{1}{3} - 2\frac{1}{2}$
- 3) What is your answer to Q2 as a decimal?
- 4) $\frac{4}{8} \div \frac{2}{4} = 1$ True or false? You must explain your answer
- 5) *You may use a calculator for this question.*
You can get 1.22 euros for £1. What is £73.78 in Euros?
- 6) *You can use a calculator for this question*
The value of a car depreciates as shown in the table.

<i>Vehicle</i>	<i>Value</i>
New	£12 000
After 1 year	£10 000
After 2 years	£ 8 800
After 3 years	£ 8 000

During which year was the percentage decrease the greatest?

- 7) It takes 1 minute for Nasa to adjust a satellite by 0.3 degrees. A satellite needs adjusting by 17.4 degrees. How long will this take?
- 8) The perimeters of the equilateral triangle and the regular hexagon below are the same.
What is the ratio of the area of the triangle to the area of the hexagon?

