| **100 People** | | Rubric |
|---|---|---|
| | points | section points |
| 1. Gives correct answer: **A quarter** or **1/4** or **25%** | 2 | |
| Gives correct answer: **1.75 billion** or **1,750,000,000** | 1 | |
| Shows work such as: 7 billion ÷ 4 | 1 | 3 |
| 2. Gives correct answer: **630 million** or **630,000,000** | 2 | |
| Shows work such as: $17 - 8 = 9$ | 1 | |
| Number = $\frac{9}{100} \times 7$ billion = $\frac{9}{100} \times 7{,}000{,}000{,}000$ | 1 | |
| Alternatively<br>$\frac{17}{100} \times 7$ billion $- \frac{8}{100} \times 7$ billion<br>$= 1{,}190{,}000{,}000 - 560{,}000{,}000 =$ | **or**<br>1<br>1 | 3 |
| 3. Gives correct answer: **4** to nearest whole number | 1 | |
| Gives correct explanation such as:<br>Number in world of 100 people $= \frac{300 \text{ million}}{7000 \text{ million}} \times 100 =$ | 1 | 2 |
| **Total Points** | | **10** |