# Ratio and proportion

Answers

**KS3 Maths topic practice**

This topic online

| Q | Answer | Marks |
|---|---|---|
| 1 | 7 : 1 | 1 |
| 2 | **a)** 1 : 3.5 **b)** 1 : 24 | 2 |
| 3 | 45 | 2 |
| 4 | Jug A (1 : 4 compared with 1 : 4.5) | 2 |
| 5 | **Amir)** £12 **Bella)** £48 **Carl)** £72 | 3 |
| 6 | €285 | 2 |
| 7 | **a)** 7.5 miles **b)** 40 km | 2 |
| 8 | £6.16 | 3 |
| 9 | **a)** Cinema A, because every ticket costs £6.50 **b)** £71.50 | 3 |
| 10 | £900 | 3 |
| 11 | 6 hours | 2 |
| 12 | 12 | 3 |
| **EXTENSION QUESTIONS** | | |
| 13 | **a)** y = 2.5x **b)** 25 **c)** 16 | 3 |
| 14 | £24 | 5 |

Full worked solutions, written out by hand, are on the solutions sheet for this topic.


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