

BB & MM

# ANSWERS

## Percentages

### Section A – 50%

Remember that **50%** is **half** of something.

- |                        |    |                                |        |
|------------------------|----|--------------------------------|--------|
| 1. What is 50% of 10?  | 5  | 6. What is 50% of 50?          | 25     |
| 2. What is 50% of 8?   | 4  | 7. What is 50% of £12?         | £6     |
| 3. What is 50% of 16?  | 8  | 8. What is 50% of 40kg?        | 20kg   |
| 4. What is 50% of 20?  | 10 | 9. What is 50% of 90p?         | 45p    |
| 5. What is 50% of 100? | 50 | 10. What is 50% of 60 minutes? | 30mins |

### Section B – 25%

Remember that **25%** is one **quarter** of something.

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|-----------------------|----|-----------------------|----|
| 1. What is 25% of 12? | 3  | 4. What is 25% of 32? | 8  |
| 2. What is 25% of 40? | 10 | 5. What is 25% of 80? | 20 |
| 3. What is 25% of 8?  | 2  |                       |    |

### Section C – 10%

Remember that **10%** is one **tenth** of something.

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|------------------------|----|--------------------------|-----|
| 1. What is 10% of 50?  | 5  | 6. What is 10% of 80?    | 8   |
| 2. What is 10% of 70?  | 7  | 7. What is 10% of 320?   | 32  |
| 3. What is 10% of 90?  | 9  | 8. What is 10% of 480?   | 48  |
| 4. What is 10% of 100? | 10 | 9. What is 10% of 560?   | 56  |
| 5. What is 10% of 300? | 30 | 10. What is 10% of 5800? | 580 |

### Section D – Percentages of Money

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|--------------------------|-------|------------------------|--------|
| 1. What is 50% of £5?    | £2.50 | 6. What is 10% of £9?  | 90p    |
| 2. What is 50% of £9?    | £4.50 | 7. What is 25% of £32? | £8     |
| 3. What is 25% of £6?    | £1.50 | 8. What is 50% of £25? | £12.50 |
| 4. What is 10% of £2.00? | 20p   | 9. What is 10% of 55p? | 5.5p   |
| 5. What is 10% of £3.50? | 35p   | 10. What is 25% of £9? | £2.25  |

### Section E – Some basic word problems

1. Michael buys a chocolate bar which has 50% extra free. The chocolate bar usually weighs 200g.
- (a) How much extra chocolate does he get? 100g
- (b) How heavy is the chocolate bar now? 300g