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# GCSE Mathematics

## Two-Way Tables

Mark Scheme - Foundation Tier | Grades 3-5

M = method mark, A = accuracy mark (dependent on the preceding M mark), B = independent mark.

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## Edexcel-style questions

**Q1** Grade 3 Edexcel style**Total: 2**

| Part | Mark scheme | Marks |
|------|-------------|-------|
| (a)  | 20 - 12     | M1    |
| (a)  | 8           | A1    |

**Q2** Grade 3 Edexcel style**Total: 1**

| Part | Mark scheme | Marks |
|------|-------------|-------|
| (a)  | 8           | B1    |

**Q3** Grade 4 Edexcel style**Total: 2**

| Part | Mark scheme    | Marks |
|------|----------------|-------|
| (a)  | 7 out of 40    | M1    |
| (a)  | $\frac{7}{40}$ | A1    |

**Q4** Grade 5 Edexcel style**Total: 2**

| Part | Mark scheme                  | Marks |
|------|------------------------------|-------|
| (a)  | 8 out of 20 boys             | M1    |
| (a)  | $\frac{8}{20} = \frac{2}{5}$ | A1    |

**Q5** Grade 4 Edexcel style**Total: 2**

| Part | Mark scheme | Marks |
|------|-------------|-------|
| (a)  | 22 + 8      | M1    |
| (a)  | 70          | A1    |

## AQA-style questions

**Q6** Grade 3 AQA style

**Total: 2**

| Part | Mark scheme | Marks |
|------|-------------|-------|
| (a)  | 30 - 15     | M1    |
| (a)  | 15          | A1    |

**Q7** Grade 3 AQA style

**Total: 1**

| Part | Mark scheme | Marks |
|------|-------------|-------|
| (a)  | 20          | B1    |

**Q8** Grade 4 AQA style

**Total: 2**

| Part | Mark scheme                   | Marks |
|------|-------------------------------|-------|
| (a)  | 15 out of 60                  | M1    |
| (a)  | $\frac{15}{60} = \frac{1}{4}$ | A1    |

**Q9** Grade 5 AQA style

**Total: 2**

| Part | Mark scheme                    | Marks |
|------|--------------------------------|-------|
| (a)  | 10 out of 25 who travel by car | M1    |
| (a)  | $\frac{10}{25} = \frac{2}{5}$  | A1    |

**Q10** Grade 4 AQA style

**Total: 2**

| Part | Mark scheme | Marks |
|------|-------------|-------|
| (a)  | 34 + 16     | M1    |
| (a)  | 70          | A1    |

## OCR-style questions

**Q11** Grade 3 OCR style

**Total: 2**

| Part | Mark scheme | Marks |
|------|-------------|-------|
| (a)  | 32 - 18     | M1    |
| (a)  | 14          | A1    |

**Q12** Grade 3 OCR style

**Total: 1**

| Part | Mark scheme | Marks |
|------|-------------|-------|
| (a)  | 16          | B1    |

**Q13** Grade 4 OCR style

**Total: 2**

| Part | Mark scheme                    | Marks |
|------|--------------------------------|-------|
| (a)  | 16 out of 62                   | M1    |
| (a)  | $\frac{16}{62} = \frac{8}{31}$ | A1    |

**Q14** Grade 5 OCR style

**Total: 2**

| Part | Mark scheme                    | Marks |
|------|--------------------------------|-------|
| (a)  | 14 out of 32 Year 10 students  | M1    |
| (a)  | $\frac{14}{32} = \frac{7}{16}$ | A1    |

**Q15** Grade 4 OCR style

**Total: 2**

| Part | Mark scheme | Marks |
|------|-------------|-------|
| (a)  | 28 + 32     | M1    |
| (a)  | 75          | A1    |

## Teachably-style questions

**Q16** Grade 3 Teachably style

**Total: 2**

| Part | Mark scheme | Marks |
|------|-------------|-------|
| (a)  | 14 - 6      | M1    |
| (a)  | 8           | A1    |

**Q17** Grade 3 Teachably style

**Total: 1**

| Part | Mark scheme | Marks |
|------|-------------|-------|
| (a)  | 17          | B1    |

**Q18** Grade 4 Teachably style

**Total: 2**

| Part | Mark scheme                   | Marks |
|------|-------------------------------|-------|
| (a)  | 6 out of 50                   | M1    |
| (a)  | $\frac{6}{50} = \frac{3}{25}$ | A1    |

**Q19** Grade 5 Teachably style

**Total: 2**

| Part | Mark scheme         | Marks |
|------|---------------------|-------|
| (a)  | 8 out of 25 females | M1    |
| (a)  | $\frac{8}{25}$      | A1    |

**Q20** Grade 4 Teachably style

**Total: 2**

| Part | Mark scheme | Marks |
|------|-------------|-------|
| (a)  | 45 + 35     | M1    |
| (a)  | 95          | A1    |

**END OF PAPER**

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