# GCSE Foundation
# Mark Scheme 1a

# LUCKY MATHS

More papers

**SCAN ME**

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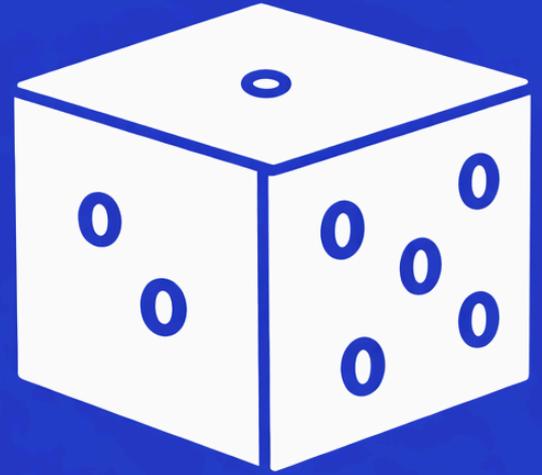
Solutions

## Instructions
Use black ink or ball-point pen.
Draw diagrams in pencil.
Write your answers in the spaces provided and show all working.
The total mark for this paper is 40

## Materials
Black pen
Pencil
Ruler

# Mark scheme – Set 1(a)
# Non-Calculator
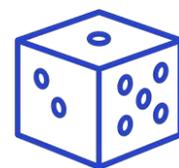
| Question | Answer | Marks |
|:---:|:---:|:---:|
| 1 | 3q | 1 |
| 2 | $\dfrac{607}{1000}$ | 1 |
| 3 | 2.5l | 1 |
| 4 | 9,12,18 or 36 | 1 |
| 5 | Pentagon | 1 |
| 6 (a) | 130 | 1 |
| 6 (b) | Not correct 250<274 | 3 |
| 7 (a) | 16 sold | 2 |
| 7 (b) | 72<80 | 3 |
| 8 (a) | 30 | 1 |
| 8 (b) | $\dfrac{3}{8}$ | 1 |
| 9 (a) | n+2 | 2 |
| 9 (b) | 2(n+4) or 2n+8 | 2 |
| 10 (a) | 53,000 | 1 |
| 10 (b) | 22 | 2 |

| Question | Answer | Marks |
|:---:|:---:|:---:|
| 11 (a) | Train A | 3 |
| 11 (b) | 26 minutes | 2 |
| 12 (a) | $\dfrac{11}{15}$ | 2 |
| 12 (b) | 15 | 2 |
| 13 (a) | £5.76 | 1 |
| 13 (b) | £42.24 | 2 |
| 14 | 6 cm | 3 |
| 15 | 78.8 | 3 |
| 16 (a) | $5(x + 3) = 60$ | 1 |
| 16 (b) | $x = 9$ | 2 |
| 16 (c) | 60 | 1 |
| 17 | 15 | 4 |
| 18 | 2 ∣ 89 <br> 3 ∣ 01346789 <br> 4 ∣ 12 | 3 |
| 19 | HCF  8 | 2 |

# Mark scheme – Set 1(a) Non-Calculator
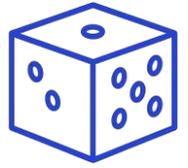
| Question | Answer | Marks |
|----------|--------|-------|
| 20 (a) | 0.14 | 3 |
| 20 (b) | 200 | 2 |
| 21 (a) | 5000ml | 2 |
| 21 (b) | 5 litres | 2 |
| 22 (a) | 1 min 30 seconds or 1.5 hours | 1 |
| 22 (b) | 45 minutes | 2 |
| 23 (a) | 140ml | 3 |
| 23 (b) | 490ml | 2 |
| 24 | $x = 4$ | 3 |
| 25 | $x = 4$, $y = 5$ | 3 |
| 26 | 45˚ | 3 |