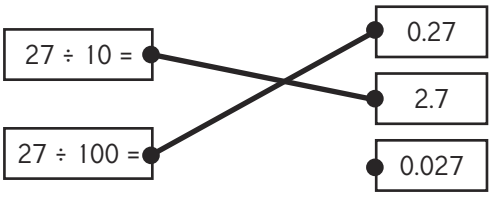
| Q | Marks | Answer | Notes |
|---|---|---|---|
| **1a** | 1 | 202 | |
| **1b** | 1 | 904 | |
| **2** | 1 | 0.509 | |
| **3a** | 1 | 2 rectangles of the same size divided into a different number of divisions, one of which is a multiple of the other. | |
| **3b** | 1 | Accept equivalent fractions that match what was illustrated in 3a. Award 1 mark if 3a is drawn incorrectly but the fractions given for 3b are equivalent. | |
| **4** | 1 | 6 **0** 1 9<br>- 3 6 2 **8**<br>2 3 9 1 | 1 mark for both correct. |
| **5** | 1 | 5 045 718 and 8 745 829 | 1 mark for both correct. |
| **6a** | 1 | 30 hours | |
| **6b** | 1 | Monday or Wednesday | Both days must be given. |
| **7** | 1 | | |
| **8a** | 1 | rounded to the nearest 10 — 24 600<br>rounded to the nearest 100 — 24 580<br>rounded to the nearest 1000 — 25 000 | All 3 correct for 1 mark. |
| **8b** | 1 | £2.75 | |
| **9** | 1 | 561 × 1 = 561<br>561 ÷ 1 = 561<br>561 × 0 = 0 | All 3 correct for 1 mark. |
| **10** | 2 | 5 **2** 9<br>× **6**<br>3 1 7 4 | 1 mark for each digit correct. |
| **11** | 1 |  | 1 mark for both correct. |



visit twinkl.com

| | | | |
|---|---|---|---|
| **12** | 2 | Jenna has more left. | 2 marks for correct answer.<br>1 mark for incorrect answer but evidence of correct method with one error in calculating. |
| **13** | 2 | 2 bottles | 2 marks for correct answer.<br>1 mark for correctly showing the capacity of the bottle as 150ml. |
| **14** | 2 | 135g flour | 2 marks for correct answer.<br>1 mark for showing that the scaling is 2:3. |
| **15a** | 1 | 12°C | |
| **15b** | 1 | October and November | |
| **16** | 2 | Regular shapes have equal sides and angles.<br>Irregular shapes do not have equal sides and angles (but could have sides or angles equal).<br>A shape cannot have equal sides and angles and not have equal sides and angles. | 2 marks for correctly stating that regular shapes have equal sides **and** angles and irregular shapes do not have equal sides and angles.<br>1 mark for stating either that regular shapes have equal sides and angles **or** that irregular shapes do not have equal sides and angles.<br>No marks for only writing about sides **or** angles.<br>The third statement "A shape cannot have equal sides and angles and not have equal sides and angles" is not required for 2 marks. |
| **17** | 2 | 3.793 | 2 marks for correct answer.<br>1 mark for a correct method with only 1 mistake in calculation. |
| **18a** | 1 | 51 | Allow 50–52 inclusive. |
| **18b** | 1 | There are 26 books with more than 150 pages out of 120 pages altogether. 26 is less than one quarter of 120 (which is 30). | Award marks for a correct explanation and reasoning with different totals caused by the reading of the graph. |
| **19** | 2 | 51° | 2 marks for correct answer.<br>1 marks for correct method with 1 mistake in calculation. |
| **20** | 1 | (9,7) | |
| **21** | 2 | Jenna has 25% or 1/4 left over and Asif has 20% or 1/5 left over. | 2 marks for explanation that uses equivalences that puts both parts eaten or left over in the correct same format.<br>1 mark for a reasonable explanation without using equivalences to put both parts eaten or left over in the correct same format. |
| **Total** | **35** | | |



visit twinkl.com