

Year 8 Level 3 Practice Assessment **Answers**

| A | Counting and understanding numbers | Answer | Mark | Criteria |
|----------|--|--|--|-----------------|
| 1 | Write these numbers in order of size | 458,485,548,584,845,854 | 1 | 1 |
| 2 | Write these temperatures in order from hottest to coldest. | 2°C, 1°C, 0°C, -1°C, -2°C, -3°C | 1 | 2 |
| 3 | Write the missing numbers in this sequence. | 107, 77 | 1 | 3 |
| 4 | How many cherries were on Jack's plate | 15 | 1 | 4 |
| 5 | How much more do the boots cost than the trainers? | £10.51 | 1 | 5 |
| 6 | Circle the numbers which are multiples of 6. | (54) 28 34 55 (42) (24) | 1 | 6 |
| B | Calculating | Answer | Mark | Criteria |
| 7 | Use $28 \times 3 = 84$ to derive number sentences | $84 \div 3 = 28$ $84 \div 28 = 3$ | 1 | 7 |
| 8 | Write in the missing number. | 74 | 1 | 8 |
| 9 | Calculate 83 - 26 | 57 | 1 | 9 |
| 10 | 248 + 164 | 412 2 marks for correct 1 mark for incorrect ans. but correct method | 2 | 10 |
| 11 | There are 4 pens in a box. | 14 | 1 | 11 |
| 12 | Calculate $326 - 108$ | 218 | 1 | 12 |
| 13 | Calculate $47 \div 3$ | 15 r 2 | 1 | 13 |
| C | Shape, space and measure | Answer | Mark | Criteria |
| 14 | Put ticks (✓) and crosses (✗) on the chart to complete it correctly. | | 2 marks for all correct 1 mark for 3,4 or 5 correct | 14 |
| 15 | On each one put a tick (✓) if it is a net of a cube. | | 2 marks for all correct 1 mark for 2 or 3 correct | 15 |
| 16 | Use a ruler to draw the reflection of this shape in the mirror line | | 1 | 16 |
| 17 | The arrow is rotated 90° clockwise . | | 1 | 17 |
| 18a | Measure this line | 9.7 cm Allow 9.5 or 10 cm | 1 | 18 |
| 18b | How many minutes is it until this clock shows 7:20? | 35 | 1 | 18 |
| 19 | Draw a rectangle whose perimeter is 18 cm. | Check | 1 | 19 |
| D | Data Handling | Answer | Mark | Criteria |

| | | | | | | | | | | |
|------------|--|--|-------|-----------|----------------------|----------|--------|--|----|----|
| 20 | Design table to collect data on rolling a dice | Score 1 2 3 4 5 6 | Tally | frequency | | | | | | |
| 21 | Complete the pictogram for the class | <table border="1"> <tr> <td data-bbox="858 398 959 432">grapefruit</td> <td data-bbox="959 398 1190 432">●●●●●</td> </tr> <tr> <td data-bbox="858 454 959 488">orange</td> <td data-bbox="959 454 1190 488">●●●●●●●●●●</td> </tr> </table> | | | grapefruit | ●●●●● | orange | ●●●●●●●●●● | 1 | 21 |
| grapefruit | ●●●●● | | | | | | | | | |
| orange | ●●●●●●●●●● | | | | | | | | | |
| 22 | Five children sorted themselves into these sets | <table border="1"> <tr> <td data-bbox="858 521 1034 577">Kerry</td> <td data-bbox="1034 521 1209 577">David Aled</td> </tr> <tr> <td data-bbox="858 577 1034 633">Ravinder</td> <td data-bbox="1034 577 1209 633">Mark</td> </tr> </table> | | Kerry | David Aled | Ravinder | Mark | 2 marks for all correct 1 mark for 3 or 4 correct | 22 | |
| Kerry | David Aled | | | | | | | | | |
| Ravinder | Mark | | | | | | | | | |
| 23 | Interpret pictogram | a) No key for symbol b) 120 | | | 1 1 | 23 | | | | |