**Volume and Surface Area Codebreaker 1**

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| A | B | C | D | E | F | G | H | I | J | K | L | M |
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| N | O | P | Q | R | S | T | U | V | W | X | Y | Z |
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Answer the questions below, link your answers to the table above to reveal what I use to tell whether someone’s laughing at me:

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| The volume of a cuboid whose dimensions are 4cm, 5cm, 5cm. | The surface area of a cube with sides of length 5cm. | The volume of a cube whose sides are 4cm. | The surface area of a cylinder (to the nearest whole number) whose radius is 4cm and height is 10cm. | The volume of a triangular prism whose base is 8cm, height is 3cm and length is 9cm. | The length of the side of a cube whose volume is 343cm3. |
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| The volume of a cylinder (to the nearest whole number) whose radius is 3cm and height is 3.55cm. | A triangular prism has a volume of 144cm3. The base and height of the prism are 6cm. How long is the prism? | The length in centimetres of a cube with volume 1000 litres. | The surface area of a cuboid whose dimensions are 3cm, 4cm and 6cm. | The volume of a triangular prism whose height and base are 4cm and length is 8cm. |  |
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