**Volume and Surface Area Codebreaker 2**

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| A | B | C | D | E | F | G | H | I | J | K | L | M |
| $$100π$$ | $$58.3$$ | $$5$$ | $$54π$$ | $$36π$$ | $$136.2$$ | $$4$$ | $$97.4$$ | $$7$$ | $$48π$$ | $$330.6$$ | $$64π$$ | $$251.3$$ |
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| N | O | P | Q | R | S | T | U | V | W | X | Y | Z |
| $$9$$ | $$113.1$$ | $$96π$$ | $$243.6$$ | $$6$$ | $$40π$$ | $$125.7$$ | $$314.2$$ | $$16$$ | $$80π$$ | $$8$$ | $$10$$ | $$120π$$ |

Answer the questions below, link your answers to the table above to reveal what the scarecrow used to build his house:

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| The volume of cylinder in terms of $π$ whose radius is 4cm and height is 5cm. | The volume of a sphere in terms of $π$ whose radius is 3cm. | The volume of a cone in terms of $π$ whose radius is 6cm and height is 3cm. | The surface area of a cylinder (to 1dp) whose radius is 2cm and height 8cm. | The surface area of a sphere in terms of $π$ whose radius is 5cm. |
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| The volume of a square based pyramid (to 1dp) whose base is 5cm and height is 7cm. | The radius of a sphere whose volume is 288$π$cm3. | The height of a square based pyramid whose volume is 525cm3 and whose base length is 15cm. | The diameter of a cone whose height is 12cm and volume is 64$π$cm3. |  |
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