**Area and Perimeter Codebreaker 2**

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| A | B | C | D | E | F | G | H | I | J | K | L | M |
| $$6$$ | $$22$$ | $$121$$ | $$52$$ | $$7$$ | $$12$$ | $$15$$ | $$24$$ | $$50$$ | $$64$$ | $$19$$ | $$42$$ | $$48$$ |
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| N | O | P | Q | R | S | T | U | V | W | X | Y | Z |
| $$154$$ | $$36$$ | $$84$$ | $$13$$ | $$20$$ | $$40$$ | $$18$$ | $$14$$ | $$115$$ | $$9$$ | $$27$$ | $$5$$ | $$4$$ |

Answer the questions below, link your answers to the table above to reveal how I realised that the soft drink ocean didn’t exist:

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| The area of a circle (to the nearest whole number) whose radius is 4cm. | The perimeter of a square whose area is 20.25cm2. | The sides of a rectangle are 6 and $(x-2)$. The area of the rectangle is 42cm2. What is $x$? | The height of a triangle whose base is 9cm and area is 27cm2. | The area of a parallelogram whose base is 8cm and height is 5cm. |
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| The diameter of a circle (to the nearest whole number) whose circumference is 18.8cm. | The base of a triangle whose height is 12cm and the area is 72cm2. | The height of a trapezium whose area is 24cm2 and parallel sides are 3cm and 5cm. | The area of a circle (to the nearest whole number) of a circle whose diameter is 14cm. | The area of a right-angled isosceles triangle whose equal sides are 6cm long. |
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| The sides of a rectangle are $(2x+1)$ and $(x-3)$. If the perimeter is 32cm, what is the value of $x$? | The area of a trapezium whose height is 4cm and whose parallel sides are 7cm and 13cm. | The radius of a circle (to the nearest whole number) whose circumference is 44cm. | The radius of a circle (to the nearest whole number) whose area is 113cm2. |  |
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