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| **Crack the Code** | **Forming and Solving Equations** |

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| **A** | The area is | **B** | The perimeter is . All lengths are in . |
| **C** |  | **D** |  |
| **E** | The area is . All lengths are in . | **F** | A cuboid has dimensions of cm, cm and cm. The volume of the cuboid is . |
| **G** | The area is . All lengths are in . | **H** | The shape is a rhombus. |
| **I** | The total surface area is . | **J** | The two shapes have equal areas. |
| **K** | Here are four numbers:  and .  The mean of the four numbers is twice the mean of the first three numbers. | **L** | The area of the trapezium is twice the area of the triangle. All lengths are in . |
| In each question, form and solve an equation in . To get the three-digit code, add all your solutions together. | | | |