

Candy Hunt

CHALLENGE #1

Complete the following activity in order to discover the image found on the candy bag.

COLOUR IN BLACK

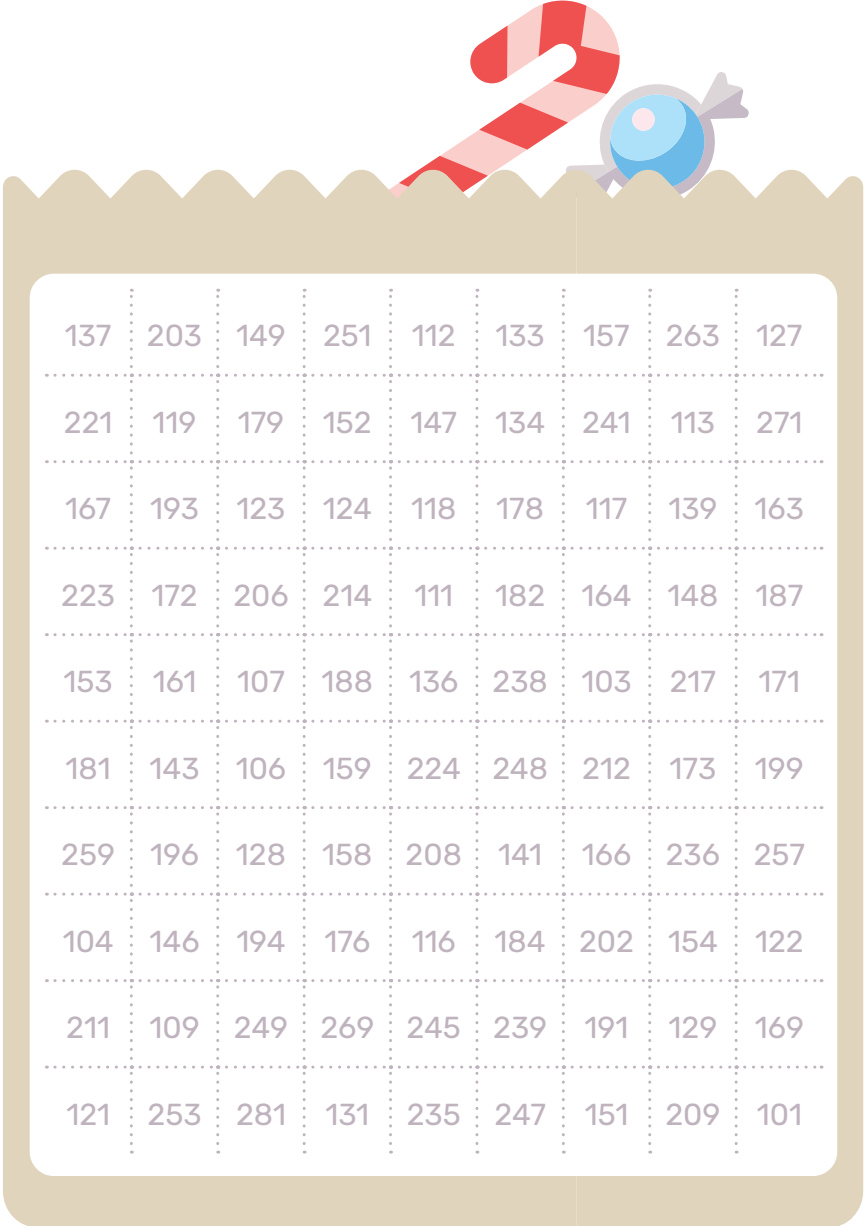
the boxes containing a number divisible by 5.

COLOUR IN RED

the boxes containing a number divisible by 3.

COLOUR IN GREEN

the boxes containing a number divisible by 2.



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|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 137 | 203 | 149 | 251 | 112 | 133 | 157 | 263 | 127 |
| 221 | 119 | 179 | 152 | 147 | 134 | 241 | 113 | 271 |
| 167 | 193 | 123 | 124 | 118 | 178 | 117 | 139 | 163 |
| 223 | 172 | 206 | 214 | 111 | 182 | 164 | 148 | 187 |
| 153 | 161 | 107 | 188 | 136 | 238 | 103 | 217 | 171 |
| 181 | 143 | 106 | 159 | 224 | 248 | 212 | 173 | 199 |
| 259 | 196 | 128 | 158 | 208 | 141 | 166 | 236 | 257 |
| 104 | 146 | 194 | 176 | 116 | 184 | 202 | 154 | 122 |
| 211 | 109 | 249 | 269 | 245 | 239 | 191 | 129 | 169 |
| 121 | 253 | 281 | 131 | 235 | 247 | 151 | 209 | 101 |

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CHALLENGE #2

Here is a grid containing the numbers 1 to 100.

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| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 |
| 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 |
| 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 |
| 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 |
| 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 |
| 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 |
| 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 |
| 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |

Cut out the pieces that are shaped like a "+" and place them on the grid so that the sum of the 5 numbers that are covered with the "+" pieces correspond to the sums indicated below.

The number hidden at the centre of the addition sign is equivalent to the number of candies in the bag.



**The "chocolate" piece:
The sum must be 125.**



**The "Candy cane" piece:
The sum must be 240.**

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CHALLENGE #3



Here are some descriptions related to the theme of geometry. Find the name of the elements described and provide your answer by writing one letter in each box. Then, use the letters that are highlighted to discover where your bag of candy is hidden. Be careful, the letters that are highlighted are not in order. You must place them in the correct order to find the hidden word.

Plane geometric figure with four congruent sides and four right angles.

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Quadrilateral in which opposite sides are congruent and the four angles are right angles.

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Solid bounded by a curved surface and by two plane surfaces.

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Regular polyhedron whose six faces are squares.

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Plane shape formed by a closed curve with all its points at an equal distance from a given point called the centre.

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Polygon with three sides.

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Polyhedron that has any polygon as a base and a lateral surface that is formed by triangles with the same vertex.

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Point where two segments or edges on a figure meet.

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Length of the boundary of a closed plane geometric figure.

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The bag of candies is hidden in the office of the:

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