

Problems of the Day 2020

Day
6

- 1 The table shows the ages of people in a theme park.

Age	Number of people
Under 18	126
18 - 60	195
Over 60	38

These are the entry costs.

How much money did the theme park make from entry costs? **£2,846**



$$126 \times 5 = 630 \quad 38 \times 7 = 266$$

$$195 \times 10 = 1,950 \quad 630 + 1,950 + 266 = 2,846$$

- 2 Given that $100 \div 2 = 50$

$$\triangle + \triangle + \star + \star = 100$$

$$\heartsuit + \heartsuit + \triangle + \star = 78$$

28

50

Work out the value of the
 $78 - 50 = 28$ $28 \div 2 = 14$



- 3 What are the missing numbers?

$$\boxed{45} \times 10 = 450$$

$$\boxed{420} \div 10 = 42$$