Problems of the Day *Day 6 Answers*

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?



A lot of working out for this one…

126 under 18s paid £5 each. This is a total of 126 x £5 = £630

195 people age 18-60 paid £10 each. This is a total of 195 x £10 = £1950

38 people over 60 paid £7 each. This is a total of 38 x £7 = £266

So in total, the park made £630 + £1950 + £266 = **£2846**

2 Given that

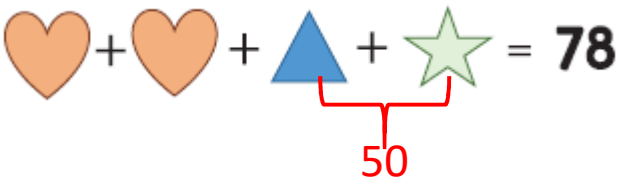




Work out the value of the 

The first equation shows that 2 triangles and 2 stars equal 100

So, 1 star and 1 triangle must be half of 100 = 50



The two hearts must be worth 28 in total, so one heart must be worth **14**

3 What are the missing numbers?

$\boxed{4.2} \times 10 = 42$

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