

Problems of the Day 2020

Day
15

1 On a bookcase

- $\frac{5}{8}$ of the books are fiction books.
- The rest are non-fiction.
- There are 72 non-fiction books.

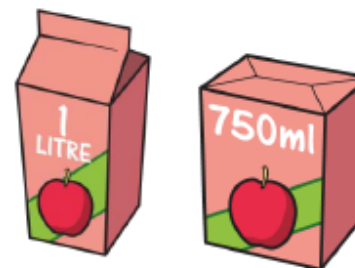
How many books are fiction?

$$\text{Non-fiction} = \frac{3}{8}$$

$$72 \div 3 = 24$$
$$24 \times 5 = 120$$

120 books are fiction.

2 Amir has two cartons of apple juice.



He shares all the juice equally
between these glasses.

$$1,750 \div 5 = 350$$



How much apple juice does he pour
into each glass?

He pours 350 ml into each glass.