Problems of the Day

Day 33

1 Trading cards are sold as single cards or in packs of 5 or 10

- A single card costs 50p
- A pack of 5 cards costs £2
- A pack of 10 cards costs £3.50

Max has £10 to spend.

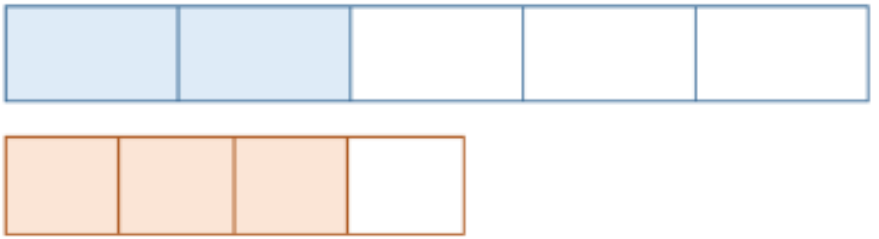
What is the maximum number of trading cards he can buy?

The maximum number of trading cards Max can buy is 27

2 $\frac{2}{5}$ of a number is equal to $\frac{3}{4}$ of a different number.

The smaller of the two numbers is 80

What is the value of the largest number?



The largest number is 150

White Rose Maths