Year 5 Maths

Week Beginning 20.04.2020

Multiplication and Division

Multiplication

1. Please complete the following multiplication calculations using the **column method**

a. 36x4 b. 47x6 c. 68x5 d. 134x3 e. 435x8

2. Now try these more challenging calculations

a. 36x42 b. 48x27 c. 99x88 d. 125x25 e. 123x234

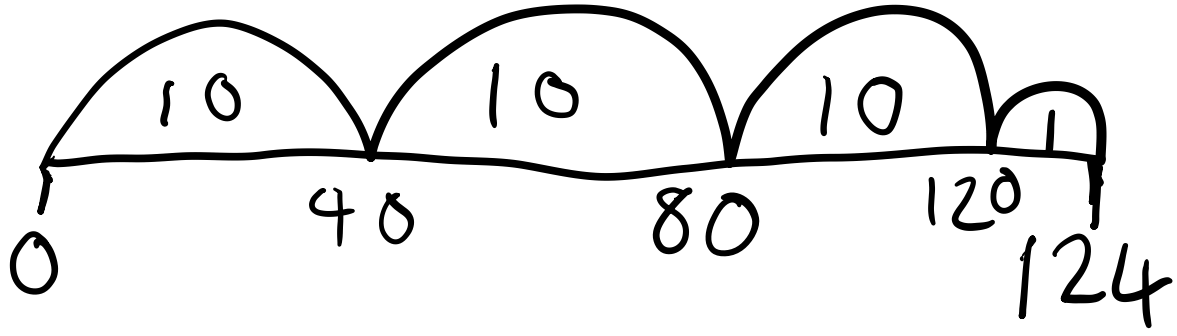
3. Next, solve these word problems using column addition. The first two are **one step**, and the next two are **two step problems**.

a. Mr Mallinson buys a packet of 36 biscuits every time he fills his car with petrol. If he fills his car 8 times this month, how many biscuits will he have eaten?
b. Each child in KS2 has a black pen, green pen, pencil and highlighter. If there are 134 children in KS2, how many writing tools do they have all together?
c. A gardener plants 15 strawberry plants in his greenhouse. Each plant will grow 6 fruits. He also plants 15 plants in his neighbours garden and twice as many in his parents garden. How many strawberries will be grown all together?
d. Aston is allowed 45 minutes on his Xbox every evening. He gets an additional 10 minutes if he has helped around the house that day. How many minutes will Aston get to play on his Xbox in 3 weeks, if he has been helpful for 12 days?

Division

Can you complete the following division calculations using a number line? Take a look at the example below.

124 divided by 4

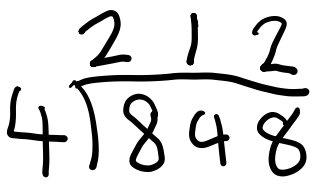


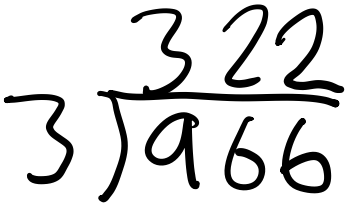
So we can see that we have used 31 fours to make 124. That means that **124 divided by 4 equals 31!**

Try these yourself:

a. 144 divided by 8 b. 135 divided by 9 c. 252 divided by 4

We can also solve division problems using the bus stop method. Here are two examples.





Finally, can you complete 3 of your own division calculations using the bus stop method. For an extra challenge, can you show how to complete one that uses a remainder?