(1) Fred was 10 the day before yesterday. Next year, he will be 13. How is this possible?

(2) I take a big sheet of paper and tear it into 8 pieces. Then I take one of those pieces and tear it into 8. Then one of the new pieces and tear it into 8. And so on...

Continuing this way for a while, is it possible for me to end up with 2014 pieces?

(3) \[ \begin{array}{ccc} \div & + & \times \end{array} \begin{array}{c} 8 \\ + & + & \times \\ + & \div & = \\ - & \div & \div \\ - & + & = \\ = & = & = \end{array} \]

Put the numbers 1, 2, 3, 4, 5, 6, 7, 8, 9 into the empty squares so that the sums in the three rows and three columns are correct.

(Ignore PEMDAS — do operations in order from beginning to end for this.

So 1 + 2 × 3 = 9

whereas PEMDAS would say 1 + 2 × 3 = 7.)