Yesterdays morning challenges…

12 trees
1 chopped down, 3 more
planted
7th tree chopped down - how
many left?

① $12 - 1 = 11$
$11 + 3 = 14$

② $14 - 1 = 13$
$13 + 3 = 16$

⑦ $24 - 1 = 23$
$23 + 3 = 26$

③ $16 - 1 = 15$
$15 + 3 = 18$

26 trees

④ $18 - 1 = 17$
$17 + 3 = 20$
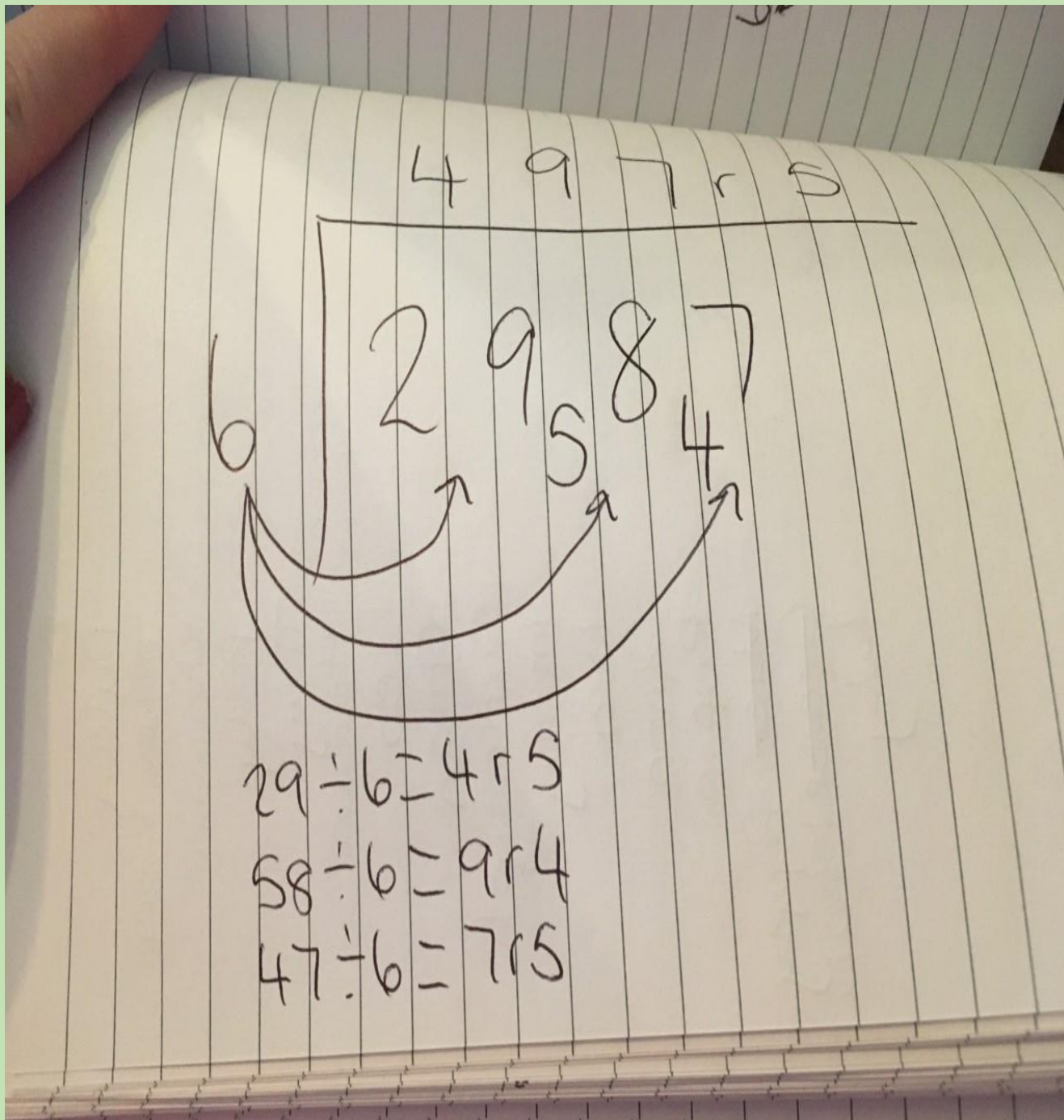
⑤ $20 - 1 = 19$
$19 + 3 = 22$

⑥ $22 - 1 = 21$
$21 + 3 = 24$

$$1212.1$$
$$65.9 +$$
$$1278.0$$

$$240$$
$$56 -$$
$$184$$

$$9 \times 9 = 81$$

$$497 r 5$$
$$6 \overline{)2987}$$

2987÷6= 497 r 5

Bus stop method as shown on the picture...

How many 6s are in 29?
6,12,18,24,30
30 is too many so we go to the number before which is 24- that is 4 6s but we then must count from 24 to 29 to see what is the remaining number= 5 so we write the 5 next to the next digit creating 58.

How many 6s are in 58?
6,12,18,24,30,36,42,48,54,60
60 is too many so we go to the number before which is 54- that is 9 6s but then we must count from 54 to 58 to see what is the remaining number= 4 so we write the 4 next to the next digit creating 47

How many 6s are in 47?
6,12,18,24,30,36,42,48
48 is too many so we go to the number before which is 42- that is 7 6s but then we must count from 42 to 47 to see what the remaining number is= 5, there is no next digit to carry it to so we write r 5

$4 \quad 9 \quad 7 \quad r \quad 5$

$6 \;|\; 2 \; 9 \;^5 8 \;^4 7$

$29 \div 6 = 4 r 5$

$58 \div 6 = 9 r 4$

$47 \div 6 = 7 r 5$

Todays morning challenge…

- Hopefully looking at the methods for yesterdays math morning challenges will help you complete todays. Below is how to do the fraction question on the cupcakes for todays challenge…

- There are 21 cupcakes. If James eats 2/3 of them and then Sal eats 2/14 of the remaining cakes how many will be left in the box?

- Divide by the bottom (denominator), X by the top (numerator)!

If James eats 2/3 of them= 21÷3= 7, 7X2= 14

Sal eats 2/14 of the remaining cakes =14÷14= 1, 1X2=2

14+2= 16

16 are gone, 21-16= 5 so 5 cupcakes remain!