Year 6 Homework (w/c 7th October 2018)

Addition, Subtraction, Multiplication and Division

Fluency

(1) 1876 + 953   (2) 4083 – 629   (3) 98.3 + 61.85   (4) 9832 x 4
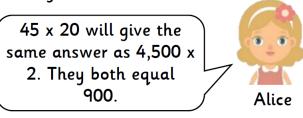
(5) 3091 – 28.5   (6) 5432 x 7   (7) 7472 ÷ 8   (8) 2934 ÷ 6

(9) 937 x 64   (10) 21432 ÷ 24   (11) 78 x 2908   (12) 2646 ÷ 42

Reasoning

1 Alice is using 45 x 2 = 90 to solve other calculations.

She says,

45 x 20 will give the same answer as 4,500 x 2. They both equal 900.

Alice

Is she correct? Explain how you know.
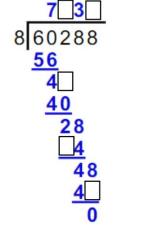
2 There are 248 children that need to be split into 8 groups for a school trip. How many children will be in each group?

3 Which numbers have been blanked out?
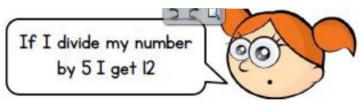
$$7\square3\square$$
$$8\overline{)60288}$$
$$\underline{56}$$
$$4\square$$
$$\underline{40}$$
$$28$$
$$\square4$$
$$48$$
$$4\square$$
$$0$$

4 Jamie has a number

If I divide my number by 5 I get 12
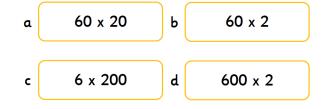
(a) What is Jamie's number?
(b) What answerwill Jamie get if she divides the same number by 15?

5 Which is the odd one out?

a   60 x 20   b   60 x 2

c   6 x 200   d   600 x 2

Explain how you know.

6 T-shirts cost £10.95 each. There is a special offer that if you buy three, they cost £25. How much money do you save through this offer?