Thursday 18.6.20 Hello year 5

Today you are going to use jottings and mental agility (not formal calculations) to complete these assorted mental maths questions:

You need to know that one eighth is 0.125 as a decimal. Also... 2^2=2squared =2x2 and 2^3=2cubed = 2x2x2

When you are asked for an approximate answer you need to think about rounding off.

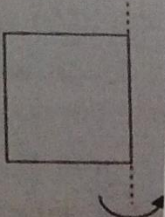## 12A

In each row, find the two sums with the same answer.

	A	B	C	D	E
1	$51 - 24$	$36 \div 3$	$10 + 16$	3×9	Half of 50
2	$36 \div 4$	2×7	$42 \div 6$	Half of 16	3^2
3	5×7	$64 \div 2$	$2^3 \times 4$	$14 + 17$	4×9
4	$35 + 47$	9^2	$161 \div 2$	$65 + 15$	$100 - 19$
5	$2.1 \div 3$	4×0.2	$0.5 + 0.2$	$1 - 0.4$	0.25×3

12B

Copy and complete this multiplication table.

×		8	3		6
	28			35	
2			6		
	20		15		
					54

12C

1. At noon the temperature was 8°C.
    By midnight it was −5°C.
    What was the drop in temperature?

2. If $15 \times 18 = 270$, what is 16×18?

3. How much is it for fifteen 5p stamps?

4. If each number is the sum of the two previous numbers, what are the missing numbers in this pattern?

    $\square$, 22, 54, $\square$, $\square$.

5. What is next: 0.2, 0.4, 0.6, 0.8 ...?

6. To multiply by 5, multiply by 10 and halve. What is:

    a. 28×5 b. 47×5?

7. Double £4.53.

9. Write **three eighths** as a decimal.

8. What shape do you get if you rotate a square about an edge?

10. Approximately, what is $593 \div 20$?

SCROLL DOWN FOR ANSWERS..

Task 12a

1   A and D (27)

2   A and E (9)

3   B and C (32)

4   B and E (81)

5   A and C (0.7)

Task 12b

×	4	8	3	5	6
7	28	56	21	35	42
2	8	16	6	10	12
5	20	40	15	25	30
9	36	72	27	45	54

Task 12c

1. 13°C
2. 288
3. 75p
4. 32, 76, 130
5. 1 (or 1.0)
6. a. 140 b. 235
7. £9.06
8. 0.375
9. Cylinder
10. 30