3KA - Mrs Armstrong's Maths Homework

Set 08.02.19   Due in 13.02.19

1. **To be able to recall x table facts and corresponding division facts**

   Please spend time this week practicing your x tables for our challenge next week.

2. **To be able to answer a range of mental maths questions**

   a. 1000 more than 1389   f. Double 256

   b. 10 less than 9908   g. Halve 362

   c. 82 + ____ = 100   h. 2/3 of 21

   d. 7.3 ÷ 10 =   i. Round 177 to the nearest 100

   e. 78 ÷ 10 =   j. Round 342 to the nearest 10

3. **To be able to find factors of numbers**
   2 numbers x together to make target
   Always start with 1x, then 2x, 3x etc
   STOP when start repeating

   a. 14   d. 56

   b. 22   e. 32

   c. 34   f. 46

4. **To be able to use formal written methods to solve calculations**
   Please show all workings out. That way, if you go wrong, I know how to help you!

9165 + 7852 =	8784 – 3725 =	23 x 3 =	504 ÷ 3 =
14.3 + 3.7 =	43.4 – 4.8 =	246 x 5 =	289 ÷ 3 =

5. <u>To be able to use inverse to solve missing number calculations</u>

1. *Look at the operation (+ - x ÷)*
2. *Where does the biggest number come ?*   *+ x = at the end*   *- ÷ at the beginning*
3. *If you **have** the biggest number, subtract the given numbers*
   *If you **need** the biggest number, add the given numbers*

Please use formal written methods.

Write these calculations into your book and then show me ALL of your workings out.

a. $67 +$ ___ $= 108$

b. ___ $+ 89 = 132$

c. ___ $+ 56 = 322$

d. $693 -$ ___ $= 421$

e. ___ $- 45 = 78$

f. ___ $- 18 = 523$

g. $7 \times$ ___ $= 56$

h. $81 =$ ___ $\times 9$