Date:_____

Chapter 12, Lesson C :
Divide 2-Digit Numbers by 2, 3, 4 and 5 (12.C.2)

a) $60 \div 2 = 30$
    $6 \div 2 = 3$ so $60 \div 2 = 30$

$3 \times 11 = 33$
$3 \times 12 = 36$

b) $35 \div 3 = 11$ R 2
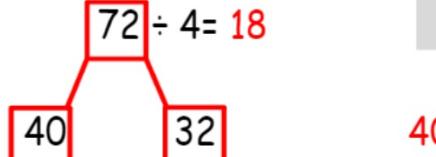   35 is between 33 and 36 in the times table of 3.
    $33 \div 3 = 11$ $35 - 33 = 2$
    $35 \div 3 = 11$ R 2

c) $\boxed{72} \div 4 = 18$
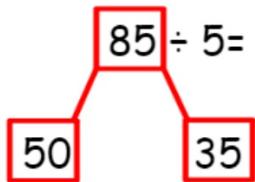
    $\boxed{40}$ $\boxed{32}$ $40 \div 4 = 10$ $32 \div 4 = 8$
                                              $10 + 8 = 18$

d)

85 ÷ 5 = 17

50   35

$50 \div 5 = 10$ $35 \div 5 = 7$

$10 + 7 = 17$

e)

78 ÷ 3 = 26

60   18
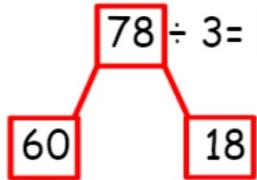
$60 \div 3 = 20$ $18 \div 3 = 6$

$20 + 6 = 26$

_____1_____ will give a remainder.

Q2. Jasmine has 48 flowers.
   She wants to put 5 flowers in each vase.
   Her mother says she will need about 10 vases.
   Is she correct? Show your work.

48 is close to 50.   50 ÷ 5 = 10
Yes, Jasmine's mother is correct.

48 ÷ 5 = 9 R 3

42

45   3

48 is not a multiple of 5.
Multiples of 5 have 0 or
5 in the ones place.

45÷5=9

8×5=40
9×5=45
10×5=50

48 is between
45 and 50

3<5 so R=3

10 vases are needed.

3. Matt brings out 4 cups of tea each time he goes to the kitchen.
    He needs to bring out 26 cups of tea altogether.
        Matt says, "I need to go to the kitchen 6 times."

    a.   He is incorrect. Correct his statement.

        I need to go to the kitchen 7 times.

    b. Explain how you got your answer.

        26 ÷ 4 = 6 R 2

        24   2

        $24 \div 4 = 6$
        2 is less than 4 so it is the remainder

    Matt needs to go to the kitchen 6 times to bring out 4 cups of tea each
    time and 1 time to bring out 2 cups of tea only.

4. A baker puts 64 cookies into bags.
   He puts 4 cookies in each bag.
   How many bags does he need? Show your work.

$64 \div 4 = 16$ $40 \div 4 = 10$ $24 \div 4 = 6$

64

40   24

$10 + 6 = 16$

_____16_____ bags