To multiply 4×22 ,

Leela rewrites 22 as a sum:

$$22 = 20 + 2$$

She first multiplies 4 by 20:

$$4 \times 20 = 80$$

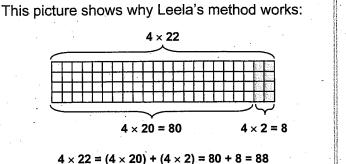
Next she multiplies 4 by 2:

$$4 \times 2 = 8$$

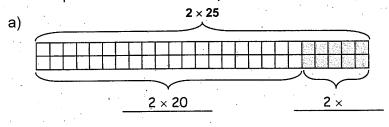
Finally she adds the two results:

$$80 + 8 = 88$$

So Leela can conclude that $4 \times 22 = 88$.



1. Use the picture to write the multiplication statement as a sum. The first one is started for you.



2. Multiply using Leela's method. The first one has been done for you.

d)
$$2 \times 432 = 2 \times 400 + 2 \times 30 + 2 \times 2 = 800 + 60 + 4 = 864$$

f) 4 × 321 = _____

3. Multiply in your head by multiplying the digits separately.

a)
$$3 \times 12 =$$
 ____ b) $3 \times 52 =$ ___ c) $6 \times 31 =$ ____

b)



- 4. a) Stacy placed 821 books in each of 4 bookshelves. How many books did she place altogether?
 - b) Nickalo put 723 pencils in each of 3 boxes. How many pencils did he put in the boxes?

