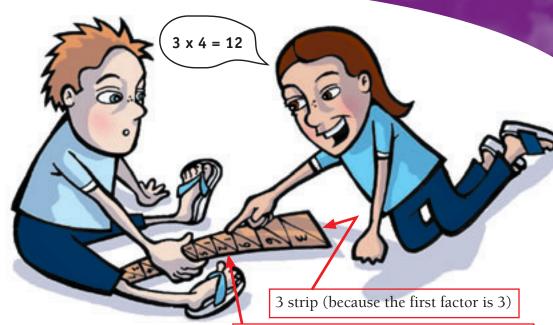




With a classmate, use the strips to find the value of simple multiplication statements, such as 3×4 , 3×5 , 3 x 8, and 3 x 9.

What patterns can you see?



4th row (because you are multiplying by 4)

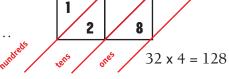


This is how Napier's Bones can be used to multiply 32 x 4.

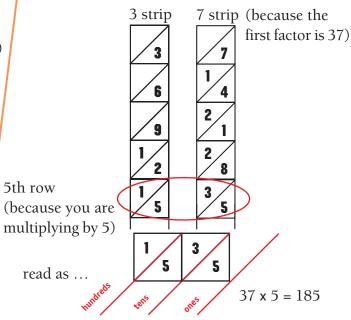
2 strip (because the 3 strip first factor is 32) 2

4th row (because you are multiplying by 4)

read as ...



This is how Napier's Bones can be used to multiply 37 x 5.



Compare 37 x 5 worked out in the written form below with the Napier's Bones method.

What do you notice?

$$30 \times 5 = 150$$

$$7 \times 5 = 35$$

$$150 + 35 = 185$$



Make a set of Napier's Bones like this:

Glue a photocopy of the strips from page 8 onto cardboard and cut up the strips lengthwise.

Use the strips to work out:

- 21 x 6
- b. 68×7
- 53 x 8 c.
- d. 34 x 9
- 30 x 2 e.