

Workcard

Number

N5.3

Strand: Number

Substrand: Understand number

Mental Wizard

Can you multiple 24 x 6 in your head ? NO
?

then try this

$$\begin{array}{r} 6 \times 20 = 120 \\ \underline{6 \times 4 = 24} \\ \text{total} \quad 144 \end{array}$$

Get it ? Try these then. Make sure you set them out exactly the same way on a piece of paper.

a) 49×8

b) 67×5

c) 83×4

I wonder if we can do the same with a decimal Hhhmmm 3.4×6

$$\begin{array}{r} 30 \times 6 = 180 \\ \underline{4 \times 6 = 24} \\ \text{total} \quad 204 \end{array}$$

Ooops forgot to put in the decimal point. One place in the question so one in the answer
20.4

Lets try some more

a) 2.7×4

b) 67×0.8

c) 3.9×0.6

Looking Good. But now I'm going to mix them up. Complete the following on a piece of

paper. Make sure you set them out to show your thinking

- | | | | |
|--------------------|--------------------|----------------------|-------------------|
| a) 23×5 | b) 18×6 | c) 4.2×0.9 | d) 9×7.7 |
| e) 0.4×66 | f) 0.19×3 | g) 38×0.005 | h) 5.3×9 |