

Challenge 3

Task 1.

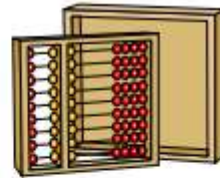
Write the numbers which are multiples of 1000 into your books.

456	3,000	6,543	8,790	8,000	3,002
7,000	50,300	2,000	65,000	6,500	9,870
			5,000		
12,000	75,000	1,200		20,000	35,000

Task 2.

Divide each of your multiples of 1,000 by ten. Remember, all the digits in the first number move one place to the right. Set it out like this:

1. $8,000 \text{ divided by } 10 = 800$



Task 3.

Now divide each of the multiples of 1,000 by one hundred. Remember to move the digits two places to the right this time. Each sum should look like this:

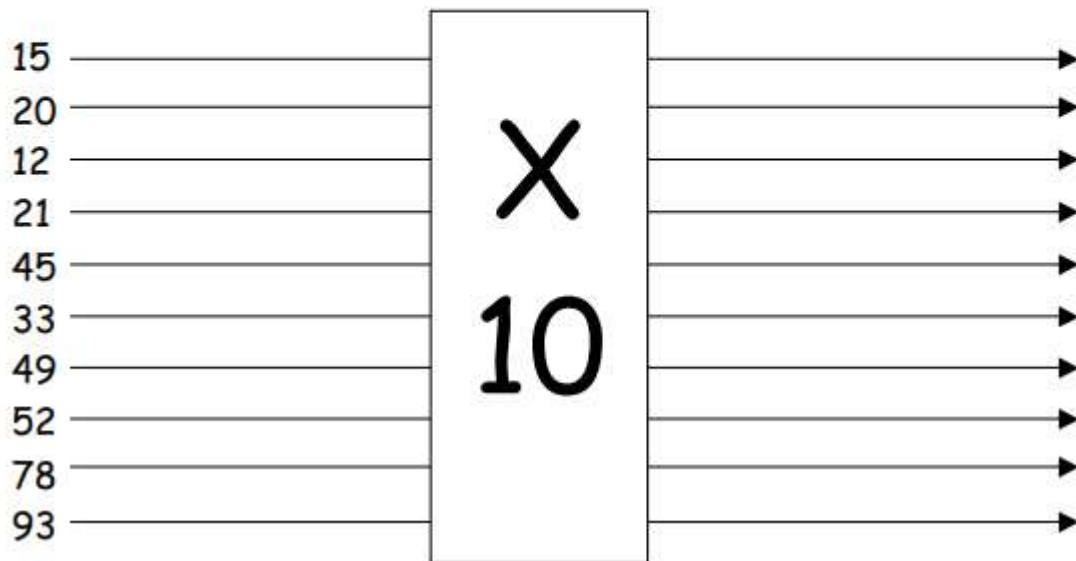
A. $8,000 \text{ divided by } 100 = 80$

How many places would the digits move if we divide by 1,000?

Challenge 2

Multiplying and dividing by 10

1 This machine multiplies numbers by 10. It is broken! Can you work out the answers to these problems?



(a) $14 \times 10 =$

(b) $25 \times 10 =$

(c) $35 \times 10 =$

(d) $__ \times 10 = 330$

(e) $__ \times 10 = 780$

(f) $450 = __ \times 10$

(g) $120 \times 10 =$

(h) $__ \times 10 = 480$

(I) $740 = __ \times 10$

Challenge 1

Multiplying and dividing by 10

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