

## Multiply numbers by 10s, 100s, 1000s

H	T	U	.	t	h
		5			
	5	0			



Moves all the digits one space to the left. If there is no digit in a column you can put a 0 there.

**A .Draw a place value grid with TTH, TH, H, T & U in your numeracy books. Use it to show the following numbers being multiplied by 10.**

1.  $4 \times 10$
2.  $8 \times 10$
3.  $35 \times 10$
4.  $53 \times 10$
5.  $553 \times 10$
6.  $953 \times 10$
7.  $228 \times 10$
8.  $5349 \times 10$
9.  $6192 \times 10$

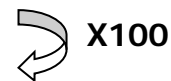
**B. Write the correct number in the missing space.**

1.  $? \times 10 = 20$
2.  $? \times 10 = 210$
3.  $? \times 10 = 640$
4.  $? \times 10 = 320$
5.  $? \times 10 = 422$

**C. Answer these word problems.**

1. Jack goes to the shops and buys 6 apples, 12 packets of crisps and 12 bottles of water each day. How many of each does he buy over 10 days?
2. If a matchbox can hold 65 matches, how many can 10 matchboxes hold?
3. If George gets 1.25p pocket money a week, how much will he get in 10 weeks?
4. If a bottle holds 100ml of liquid, how much will 20 bottles hold?

H	T	U	.	t	h
		5			
5	0	0			



Moves all the digits two space to the left. If there is no digit in a column you can put a 0 there.

**A .Draw a place value grid with TTH, TH, H, T & U in your numeracy books. Use it to show the following numbers being multiplied by 10.**

1.  $5 \times 100$
2.  $6 \times 100$
3.  $63 \times 100$
4.  $43 \times 100$
5.  $743 \times 100$
6.  $642 \times 100$
7.  $654 \times 100$
8.  $164 \times 100$
9.  $975 \times 100$

**B. Write the correct number in the missing space.**

1.  $? \times 100 = 240$
2.  $? \times 100 = 350$
3.  $? \times 100 = 6140$
4.  $? \times 100 = 3320$
5.  $? \times 100 = 4321$

**C. Answer these word problems.**

1. If a car can fit 75 balls in it, how many can 100 cars fit in it?
2. One ink cartridge is enough to write on 20 pages. How many pages could you write on with 100 ink cartridges?
3. A rubber is 2.45cm long. How long would 100 rubbers be?
4. Ned gets £1.53 for each cake he sells at a stall. If he sells 100 cakes, how much money would he make?

Multiply numbers by 10s, 100s, 1000s

TH	H	T	U	.	t	h
			5	.		
5	0	0	0	.		



**X1000**

Moves all the digits three space to the left. If there is no digit in a column you can put a 0 there.

**A. Draw a place value grid with TH, H, T & U in your numeracy books. Use it to show the following numbers being multiplied by 10.**

1.  $5 \times 1000$
2.  $6.6 \times 1000$
3.  $63.5 \times 1000$
4.  $43.3 \times 1000$
5.  $743 \times 1000$
6.  $642 \times 1000$
7.  $654.7 \times 1000$
8.  $164.4 \times 1000$
9.  $975.5 \times 1000$

**B. Write the correct number in the missing space.**

1.  $? \times 1000 = 240$
2.  $? \times 1000 = 350$
3.  $? \times 1000 = 6140$
4.  $? \times 1000 = 3320$
5.  $? \times 1000 = 4321$

**C. Answer these word problems.**

1. A book is 5mm thick. How thick would 1000 books be?
2. What would 1000 Apples cost if one apple costs 64p?
3. In a room of 1000 people, each person is given £1.95. How much money is given out in total?