



Sydney and Colin

I can multiply larger numbers using short and long multiplication.



Work out the answers to these short and long multiplication questions.

Set your calculations out carefully. The first two have been set out to help you.



a) 1023×3

b) 6810×4

c) 3280×3

a)		1	0	2	3		b)								c)					
	x				3			x								x				

d) 673×28

e) 7234×25

f) 4023×36



d)			6	7	3		e)								f)					
	x			2	8			x								x				



Sydney and Colin **Answers**

Question	Answer
1.	Work out the answers to these short and long multiplication questions.
a	$1023 \times 3 = \mathbf{3069}$
b	$6810 \times 4 = \mathbf{27\ 240}$
c	$3280 \times 3 = \mathbf{9840}$
d	$673 \times 28 = \mathbf{18\ 844}$
e	$7234 \times 25 = \mathbf{180\ 850}$
f	$4023 \times 36 = \mathbf{144\ 828}$



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Work out the answers to these short and long multiplication questions.

Set your calculations out carefully.



a) 1023×6

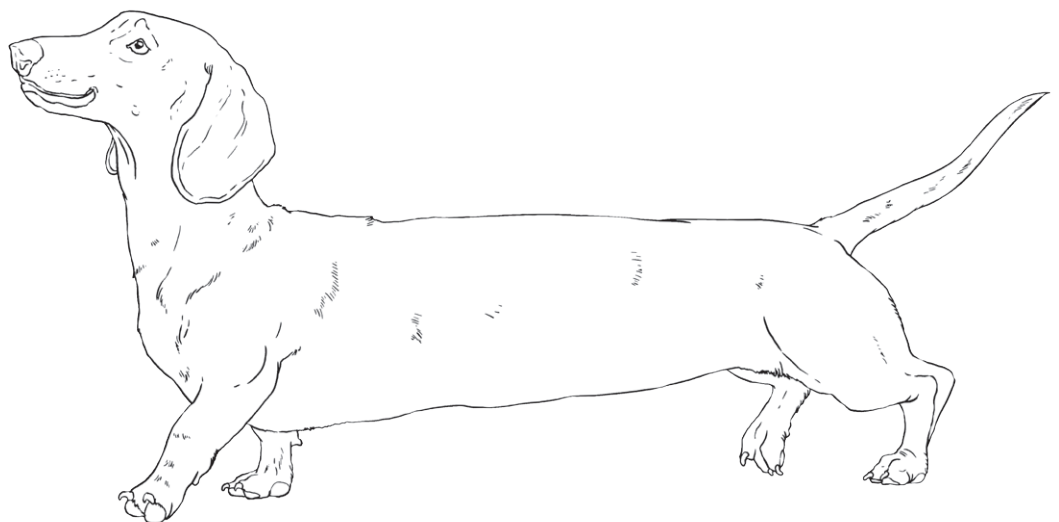
d) 4536×8

b) 6810×7

e) 7283×4

c) 3280×9

a)								b)								c)					
	x								x								x				
d)								e)													
	x								x												





f) 2673×28

i) 5638×57

g) 7234×25

j) 9823×63

h) 4023×36

f)								g)									h)		
	x								x									x	
i)								j)											
	x								x										





Sydney and Colin **Answers**

Question	Answer
1.	Work out the answers to these short and long multiplication questions.
a	$1023 \times 6 = 6138$
b	$6810 \times 7 = 47\,670$
c	$3280 \times 9 = 29\,520$
d	$4536 \times 8 = 36\,288$
e	$7283 \times 4 = 29\,132$
f	$2673 \times 28 = 74\,844$
g	$7234 \times 25 = 180\,850$
h	$4023 \times 36 = 144\,828$
i	$5638 \times 57 = 321\,366$
j	$9823 \times 63 = 618\,849$



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Work out the answers to these short and long multiplication questions.

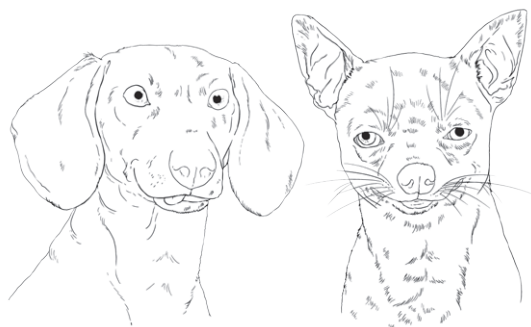
Set your calculations out carefully.

- 1) If Sydney ate 62 treats a day for 365 days last year, how many treats did he eat in total?

_____ treats

- 2) What is the product of 3728 and 83?

- 3) Calculate 3592 multiplied by 98.



- 4) Sydney and Colin eat a total of 1065 grams of biscuits each day. How much do they eat in 28 days? Give the answer in kilograms.

_____ kg

- 5) Calculate 8739 sets of 72.

- 6) $6439 \times 9 =$ _____



- 7) Sydney and Colin drink six bowls of water each per day. How many bowls of water do they drink in two years? (Neither of these years were leap years!)

_____ bowls of water

- 8) Work out the product of 8562 and 72.



[illegible]



Sydney and Colin **Answers**

Question	Answer
1.	If Sydney ate 62 treats a day for 365 days last year, how many treats did he eat in total?
	22 630 treats
2.	What is the product of 3728 and 83?
	309 424
3.	Calculate 3592 multiplied by 98.
	352 016
4.	Sydney and Colin eat a total of 1065 grams of biscuits each day. How much do they eat in 28 days? Give the answer in kilograms.
	29.82 kg
5.	Calculate 8739 sets of 72.
	629 208
6.	$6439 \times 9 =$
	57 951
7.	Sydney and Colin drink six bowls of water each per day. How many bowls of water do they drink in two years? (Neither of these years were leap years!)
	8760 bowls of water
8.	Work out the product of 8562 and 72.
	616 464