

## Multiply by 10,100 and 1,000

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4a. Alfie sold 104 tickets.

Beth has sold 10 times as many tickets as Alfie.

Zac has sold 100 times as many tickets as Beth.

How many tickets have they sold altogether?



PS

4b. Farmer A plants 216 seeds.

Farmer B plants 1,000 times more seeds than Farmer A.

Farmer C plants 100 times more seeds than Farmer A.


How many seeds do they plant altogether?




PS

5a. Each fruit represents a multiple of 10, 100 or 1,000.

A.  x 2,765 = 276,500

B. 302,090 = 30,209 x 

C. 51,900 = 519 x 


What is the value of each fruit? Prove it.




R

5b. Each shape represents a multiple of 10, 100 or 1,000.

A.  x 480 = 480,000

B. 2,070,500 = 20,705 x 

C. 48,160 = 4,816 x 

What is the value of each shape? Prove it.



R

6a. Jack is matching calculations where numbers have been multiplied by either 10, 100 or 1,000 but he's jumbled up his cards. Find the matching pairs.

A. 664

B. 960

C. 9,600

D. 9,060

E. 66,400

Which number does not belong? Convince me.



R

6b. Monica is matching calculations where numbers have been multiplied by either 10, 100 or 1,000 but she's jumbled up her cards. Find the matching pairs.

A. 72,500

B. 70,200

C. 752

D. 702

E. 7,250

Which number does not belong? Convince me.



R

## Multiply by 10,100 and 1,000

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7a. Jamie drives 2,450m. Then a further 2,050m.

Olivia drives 10 times further than Jamie.

Sasha drives 100 times further than Jamie.

How far have they driven between them in kilometres and metres?



PS

7b. Charlie collects 15ml of rain water on Tuesday and 90ml on Wednesday.

Charlie's neighbour collects 1,000 times more rain water than Charlie.

Charlie's grandad collects 100 times more rain water than Charlie.



How many millilitres have they collected altogether?



PS

8a. Each fruit represents a multiple of 10, 100 or 1,000.

A.  x  x 4,261 = 4,261,000

B. 960,500 = 9,605 x  x 

C. 311,700 = 3,117 x  x 

What is the value of each fruit? Prove it.





R

8b. Each shape represents a multiple of 10, 100 or 1,000.

B. 960,500 = 9,605  x 

A.  x  x 710 = 7,100,000

C. 2,060,000 = 2,060 x  x 

What is the value of each shape? Prove it.



R

9a. Alice is matching calculations where numbers have been multiplied by either 10, 100 or 1,000 but she's jumbled up his cards. Find the matching pairs.

A. 55 tens and 4 ones

B. 5,400

C. 50 tens and 45 ones

D. 55,400

E. 545,000

Which number does not belong? Convince me.



R

9b. Sam is matching calculations where numbers have been multiplied by either 10, 100, 1,000 but he's jumbled up his cards. Find the matching pairs.

A. 103,100

B. 100 tens and 45 ones

C. 104 tens and 1 one

D. 104,100

E. 10,450

Which number does not belong? Convince me.



R