Multiply by 10, 100 and 1,000

1. Jess is multiplying different numbers by 10, 100 or 1,000. Circle the greatest number and underline the smallest number she creates.

A. 676 x 1,000

HTh	TTh	Th	H	T	O
			●●● ●●●	●●● ●●● ●	●●● ●●●

B. 61,230 x 10

HTh	TTh	Th	H	T	O
	●●● ●●●	●	●●	●●●	

C. 6,231 x 100

HTh	TTh	Th	H	T	O
		●●● ●●●	●●	●●●	●

D

---

2. Maisie is multiplying 420 x 1,000. She has shown her starting number and her answer on the place value grids below.

HTh	TTh	Th	H	T	O
			●● ●●	●●	

HTh	TTh	Th	H	T	O
		●● ●●	●●		●●

Is Maisie correct?

D

---

3. Draw a line from the starting number to x10, x100 or x 1,000 and draw a line to the correct total.

A.

HTh	TTh	Th	H	T	O
		●●●	●	●●●	●●● ●●

x 100
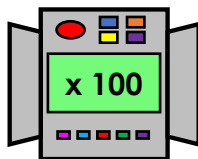
HTh	TTh	Th	H	T	O
●●● ●●	●	●●● ●●	●●● ●●		

B.

HTh	TTh	Th	H	T	O
	●●● ●●	●	●●● ●●	●●● ●●	

x 10
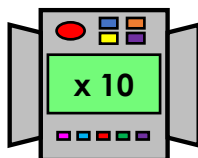
HTh	TTh	Th	H	T	O
●●● ●●●	●●●	●●● ●●			

C.

HTh	TTh	Th	H	T	O
			●●● ●●● ●●	●●● ●●	●●

x 1,000

HTh	TTh	Th	H	T	O
●●●	●	●●●	●●		

D

classroomsecrets.co.uk

Homework/Extension – Multiply by 10, 100 and 1,000 – Year 5 Developing
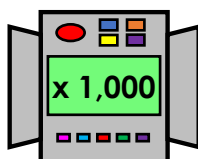
Multiply by 10, 100 and 1,000

4. Joshua is multiplying different numbers by 10, 100 or 1,000. Circle the greatest number and underline the smallest number he creates.

A. 7,152 x 10

B. 4,205 x 1,000

C. 81,426 x 10

D. 5,081 x 100

E. 764 x 100

F. 962 x 1,000

VF
HW/Ext

5. Alfie is multiplying 2,805 by 100. He has shown his answer on the place value grid below.

HTh	TTh	Th	H	T	O
	● ●	● ● ● ● ● ● ● ●		● ● ● ● ●	

Is Alfie correct?

VF
HW/Ext

6. Draw a line from the starting number to x10, x100 or x 1,000 and draw a line to the correct total.
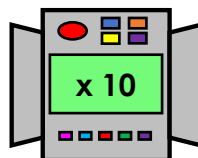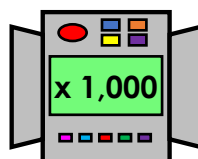
A. 515

B. 50,412

C. 15,492

D. 5,402

x 100

x 10

x 1,000

154,920

51,500

5,402,000

504,120

RPS
HW/Ext

classroomsecrets.co.uk
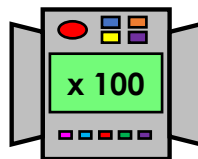
Multiply by 10, 100 and 1,000

7. Jacob is multiplying different numbers by 10, 100 or 1,000. Circle the greatest number and underline the smallest number he creates.

A.
395 x 10 x 100

B.
40 tens and 15 hundreds x 1,000

C.
3,950 x 10 x 10

D.
81 hundreds and 12 ones x 100

E.
509 x 10 x 100

F.
65 hundreds and 124 ones x 10

GD

8. Charlie is multiplying 405cm by 1,000. He has given his answer in metres.

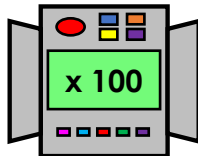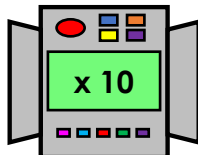The answer is 4,050 metres.

Alfie

Is Charlie correct?

GD

9. Draw a line from the starting number to x10, x100 or x 1,000 and draw a line to the correct total.

A.
2,205p

x 100

£2,520

B.
720cm

x 10

702m

C.
7,020cm

£220.50

D.
252p

x 1,000

7,200m

GD

classroomsecrets.co.uk
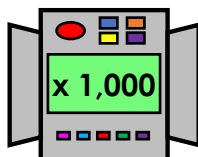
Homework/Extension
Multiply by 10, 100 and 1,000

Developing
1. A circled, B underlined.
2. Maisie is not correct. She should show an answer of 420,000.
3. A x 100 = PV Chart showing 313,400; B x 10 = PV Chart showing 514,600;
C x 1,000 = PV Chart showing 825,00

Expected
4. B circled, A underlined.
5. Alfie is not correct. He should show an answer of 280,500.
6. A x 100 = 51,500; B x 10 = 504,120; C x 10 = 154,920; D x 1,000 = 5,402,000

Greater Depth
7. B circled, F underlined.
8. Charlie is correct.
9. A x 10 = £220.50; B x 1,000 = 7,200m; C x 10 = 702m; C; D x 1,000 = £2,520