

1) Complete these sentences by choosing words from the box below.

You can use a word more than once if necessary.

To multiply by 10, we move each digit _____ place to the _____.

To multiply by 100, we move each digit _____ place to the _____.

To multiply by 1000, we move each digit _____ place to the _____.

one	left	three	two
	right	top	four

2) Use your Digit Cards 0-9 and Million Place Value Grid to help you to multiply these numbers by 10, 100 and 1000.

a) $345 \times 10 =$ _____

b) $863 \times 10 =$ _____

c) $59 \times 100 =$ _____

d) $709 \times 10 =$ _____

e) $5 \times 1000 =$ _____

f) $92 \times 100 =$ _____

g) $814 \times 10 =$ _____

h) $900 \times 10 =$ _____

i) $64 \times 100 =$ _____

j) $9 \times 1000 =$ _____



- 1) Complete these sentences by choosing words from the box below.
You can use a word more than once if necessary.

To multiply by 10, we move each digit _____ place to the _____.

To multiply by 100, we move each digit _____ place to the _____.

To multiply by 1000, we move each digit _____ place to the _____.

one	left	three	two
	right	top	four

- 2) Match the planets with their moons. Use your Million Place Value Grid to help you if you need to.

Planets and Moons with mathematical expressions:

- Planets: Saturn (with rings), Jupiter (with bands), Uranus (with bands)
- Moons: 344 × 100, 4912 × 100, 344 × 10, 99 × 100, 28 × 1000, 8291 × 10, 99 × 10, 6782 × 10, 79 × 1000, 99 × 1000, 82 910, 99 000, 9900, 3440, 491 200, 990, 67 820, 28 000, 34 400, 79 000

- 1) Complete these sentences by choosing words from the box below.
You can use a word more than once if necessary.

To multiply by 10, we move each digit _____ place to the _____.
To multiply by 100, we move each digit _____ place to the _____.
To multiply by 1000, we move each digit _____ place to the _____.

one	left	three	two
right	top	four	

- 2) Complete these calculations:

- a) $56 \times 100 =$ _____
 b) $3219 \times 10 =$ _____
 c) $1000 \times 149 =$ _____
 d) $70\,002 \times 10 =$ _____
 e) $71 \times 1000 =$ _____
 f) $100 \times 1000 =$ _____
 g) $10 \times 10\,345 =$ _____
 h) $1000 \times 90 =$ _____



- 3) Match the planets with their moons.

Planets and Moons available for matching:

- Planets: Saturn, Jupiter, Uranus
- Moons: 82000, 925 700, 72 400, 10 000, 92 570, 8290, 28 000, 404 000, 92 470, 744 000, 1000, 100 * 100, 100 * 100, 10 * 8290, 303 * 100, 100 * 1001, 82 000, 2300, 40 400, 4040 * 10, 744 * 100, 280 * 100, 303 000, 101 000, 2802, 30 300, 10 100, 7440, 82 020, 101 000, 23 030, 82 940, 40 004, 1 000 000, 30 330