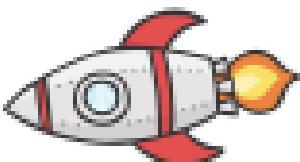




3



Multiplying and dividing by 10, 100 and 1000

When we multiply, we move to the left. The zeros indicate how many places to move.

1



Use place value to work out how to multiply by 10.

$$6.74 \times 10 = ?$$

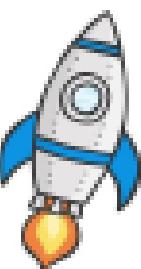


If you multiply a number by 10, the digits move one place value to the left.

| Hundreds | Tens | Ones | Tenths | Hundredths |
|----------|------|-------|--------|------------|
| | | 6 . 7 | 4 | |

| Hundreds | Tens | Ones | Tenths | Hundredths |
|----------|------|-------|--------|------------|
| | 6 | 7 . 4 | | |

$$6.74 \times 10 = 67.4$$



Use place value to work out how to multiply by 100.

$$6.74 \times 100 = ?$$

| Hundreds | Tens | Ones | Tenths | Hundredths |
|----------|------|-------|--------|------------|
| | | 6 . 7 | 4 | |

| Hundreds | Tens | Ones | Tenths | Hundredths |
|----------|------|------|--------|------------|
| 6 | 7 | 4 . | | |

If you multiply a number by 100, the digits move two places to the left.

$$6.74 \times 100 = 674$$

6 1



6

