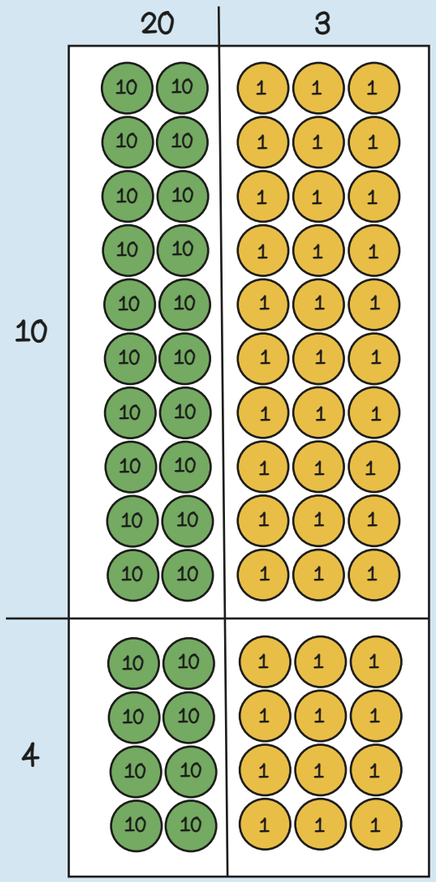
23 x 14



	20	3
10	200	30
4	80	12

```
  2 3
x 1 4
-----
  9 2
1
2 3 0
-----
3 2 2
1
```

When I multiply the multiplicand by the tens digit of the multiplier I put a zero in the ones column.

```
  6 2 3
    x 6 7
---------
  4 3 6 1
  1 2
3 7 3 8 0
  1 1
---------
4 1 7 4 1
1   1
```

In my head?
With jottings?
Formal written method?

426 x 50 = 426 x 100 ÷ 2
= 42600 ÷ 2
= 21300

30 x 99 = 30 x 100 – 30 x 1
= 3000 – 30
= 2970

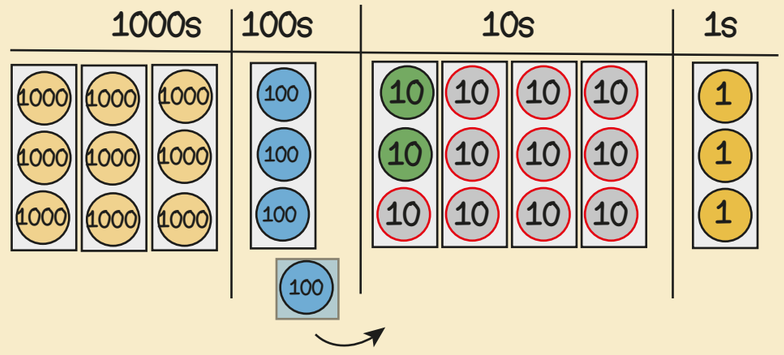
0.4 x 7 = ?
If I know 4 x 7 = 28
then I also know that 0.4 x 7 = 2.8
because it is ten times smaller.

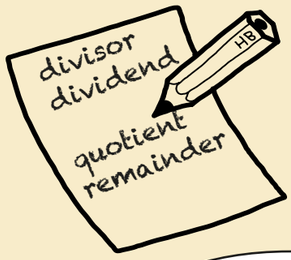
2.4 x 3 = ?
If I know 24 x 3 = 72
then I also know 2.4 x 3 = 7.2
because it is ten times smaller.

```
  2 4
x   3
-----
  7 2
1
```

9423 ÷ 3

```
  3 1 4 1
3 | 9 4 2 3
    1
```





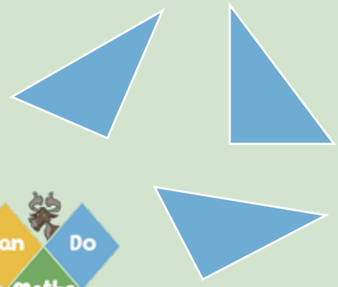
If I know...
then I also know...
because...

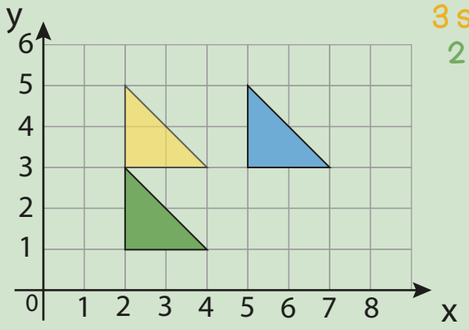
```
  0 5 7 6 r 1
6 | 3 4 3 7
  3   3
```

1	6
2	12
4	24
5	30
8	48
10	60

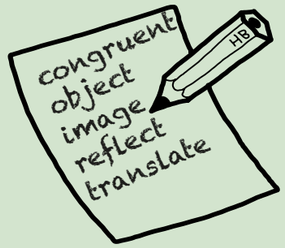
Year 5 Term 3

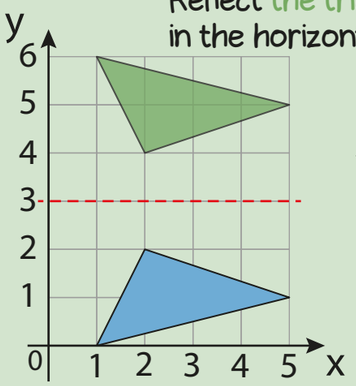
Congruent shapes are exactly the same shape and size.





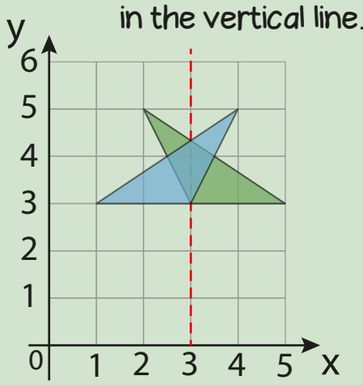
Translate the triangle
3 squares left and
2 squares down.





Reflect the triangle
in the horizontal line.

The image is the same distance from the mirror line as the object.



Reflect the triangle
in the vertical line.