## Maths

## Multiplication and Division

## Equivalence



## Aim

- I can solve missing number problems to make the calculations on each side of the equals sign balance.


## Success Criteria

- I know what the equals sign means.
- I can make the calculations on both side of the equals sign equivalent.


## Missing Numbers

How ma@uliof thesetapissainghfamdo ehtsrearmjnutfireduintdoneenminutes?


## Missing Numbers Answers

How did you do?


## See-Saw

The equals sign means that the numbers or calculations on either side of the sign must have the same value.


## See-Saw

The two sides won't always look the same, but they must have the same value.


## Square and Cube Numbers

What are square and cube numbers?


## Square and Cube Numbers

When you multiply a whole number by itself and then multiply the answer by the original number again, it is called a cube number.



## Powers

When you see a small number next to a number, it is called a power. $3^{2}$ and $3^{3}$ are examples of this.


## Balance

What does equivalence mean?
For the see-saw to balance, the calculations must be equivalent.


Balance Why doesn't this see-saw balance?


## Balance

Will this see-saw balance?


## Equivalence

Use your marvellous maths skills to complete these activities:


## Match Up

Can you match up the pairs of calculations which are equivalent and would make a see-saw balance?


## Aim

- I can solve missing number problems to make the calculations on each side of the equals sign balance.


## Success Criteria

- I know what the equals sign means.
- I can make the calculations on both side of the equals sign equivalent.


