STUDYZONE TV

Name:_____   Date:_____

Scan the code or use the lesson ID to access this lesson online.

I can use mathematical operators to manipulate numbers | LessonID: 186
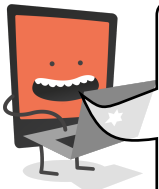
Here is some code for a doubling number machine. Make sure you understand what each block of code does. Now see if you can create your own number machines. Fill in the gaps to show how you did it.

```
when [flag] clicked
forever
    ask [Give me a number] and wait
    say (answer * 2) for 2 secs
```

Create a number machine that **halves** numbers. Show me below the numbers you tested it with.
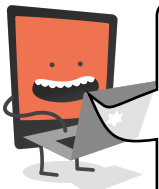
In ____ → Out ____

In ____ → Out ____

```
when [flag] clicked
forever
    [        ]
    [        ]
```

Create a number machine that **converts mm to cm**. Show me below the numbers you tested it with.

In ____ → Out ____

In ____ → Out ____

```
when [flag] clicked
forever
    [        ]
    [        ]
```

Create a number machine that **squares** numbers. Show me below the numbers you tested it with.

In ____ → Out ____

In ____ → Out ____

```
when [flag] clicked
forever
    [        ]
    [        ]
```