YEAR 56 1st April 2020

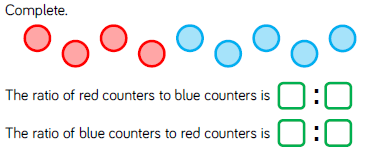
|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| *LO* | To use the ratio symbol to compare groups of objects. | | |  |  |
| *Good* | I can use the ratio symbol to describe the relationship between groups of objects. I can simplify ratios. | | |  |  |
| *Better* | I can describe the relationship between objects using ratios and fractions. | | |  |  |
| *Best* | I can solve problems that require the use of ratios. | | |  |  |
| *I worked independently* | | *I worked with a partner* | *I worked with an adult.* | | |

The ratio symbol is like a colon :

So, you can say the ratio of triangles to ovals is 4:3 (We would say, “Four to three.”)

You can also reverse it. So you can say the ratio of ovals to triangles is 3:4

You can also simplify ratios. So, in the picture below, there are now 8 triangles and 6 ovals, the ratio is 8:6 which can be simplified to 4:3

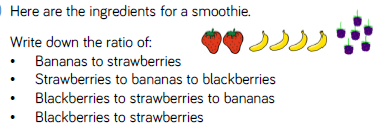


**Before you try the challenges, work through the powerpoint.**

This might take you the rest of the lesson. If you still have time, you can attempt the challenges below.

**CHALLENGE 1**

Describe the relationships between quantities, using ratios



How many of each ingredient would be needed for 2 smoothies?

What would be needed for 5 smoothies?

10 smoothies?

**CHALLENGE 2**

