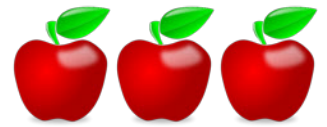




# Simple Ratios












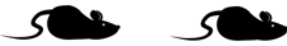
Ratios are used as an easy way to compare amounts of things.

For example, if you have 2 bananas and 3 apples you might say “I have 2 bananas for every 3 apples” but if you were to write this down as a ratio it would look like this **2 bananas:3 apples** or more simply just **2:3**

When we say a ratio we say “to” whenever we see the double dots between the numbers so when we see **2:3** we actually say “2 to 3”. Here are some more ratios to practice saying correctly .....

**1:5** say “1 to 5”    **3:9** say “3 to 9”    **2:7** say “2 to 7”    **10:15** say “10 to 15”

Now try to complete the following table (the first one is done for you).

		3 cats : 4 mice	3 : 4
		4 cats : 6 mice	4 : 6
		2 cats : 3 mice	2 : 3
		5 cats : 9 mice	5 : 9
		1 cat : 2 mice	1 : 2

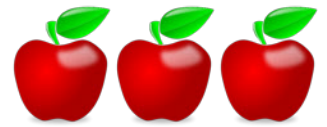
Fill in the table below with your own examples of ratios.

	<b>Answer</b>	..... : .....
		..... : .....
	<b>Sheet</b>	..... : .....
		..... : .....

Now move on to the next sheet .....



# Simple Ratios



It's now time to have a go at simplifying some ratios so we can practice everything that we learned on the previous sheets.

# Answer

REMEMBER

We must always divide both sides of the ratio by the same number.

# Sheet

Work from left to right on each line of the table below to simplify all of the ratios. The first one has been done for you.

<b>4:6</b> →	Divide both sides by 2 →	$4 \div 2 = 2$ $6 \div 2 = 3$ →	<b>2:3</b>
<b>3:9</b>	Divide both sides by 3	$3 \div 3 = 1$ $9 \div 3 = 3$	<b>1:3</b>
<b>4:8</b>	Divide both sides by 4	$4 \div 4 = 1$ $8 \div 4 = 2$	<b>1:2</b>
<b>2:10</b>	Divide both sides by 2	$2 \div 2 = 1$ $10 \div 2 = 5$	<b>1:5</b>
<b>6:9</b>	Divide both sides by 3	$6 \div 3 = 2$ $9 \div 3 = 3$	<b>2:3</b>
<b>4:12</b>	Divide both sides by 4	$4 \div 4 = 1$ $12 \div 4 = 3$	<b>1:3</b>
<b>5:20</b>	Divide both sides by 5	$5 \div 5 = 1$ $20 \div 5 = 4$	<b>1:4</b>