

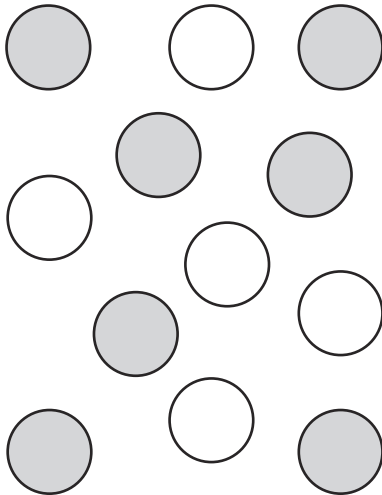
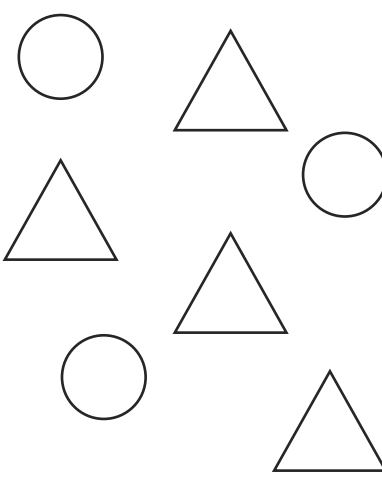
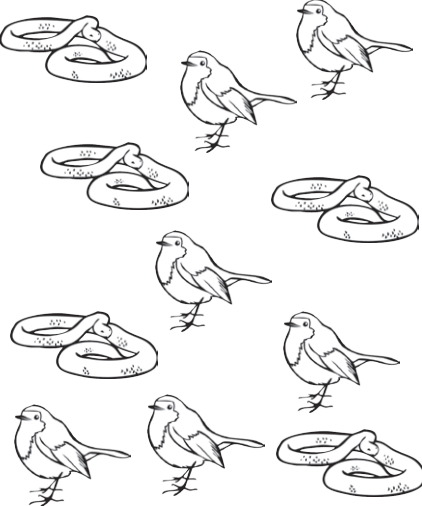


# Introducing Ratio

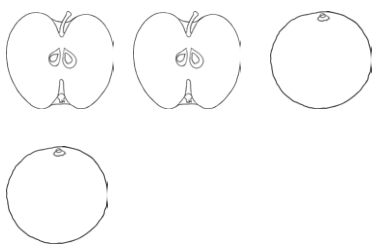
I can write ratio statements and use multiplication and division facts to calculate alternative statements.



1. For each group, write the ratio of one group compared to the other.

<p>What is the ratio of grey to white?</p>  <p>Ratio box: <input type="text"/> : <input type="text"/></p>	<p>What is the ratio of triangles to circles?</p>  <p>Ratio box: <input type="text"/> : <input type="text"/></p>	<p>What is the ratio of snakes to birds?</p>  <p>Ratio box: <input type="text"/> : <input type="text"/></p>
---	--	---

2. Complete each drawing so that it makes the ratio correct:

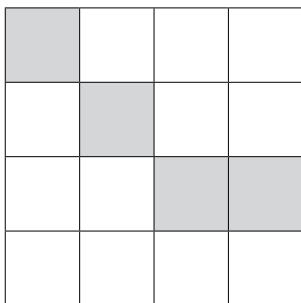
<p>Complete the drawing to show the ratio of <b>Oranges: Apples</b> <b>4:2</b></p> 	<p>Draw 20 letters (A and B) in total to the ratio of <b>A:B</b> <b>2:3</b></p>	<p>There are 15 pieces of fruit in total – bananas and strawberries. Draw the pieces of fruit to make this ratio correct. <b>bananas:strawberries</b> <b>2:1</b></p>
--	---	--



# Introducing Ratio

3. For each grid, write the ratio as you see it then write the ratio in its simplest form. Show your working out. The first one is done for you.

a.



shaded to blank

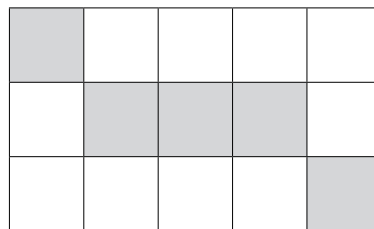
4:12

$\div 4 = 1$

$\div 4 = 3$

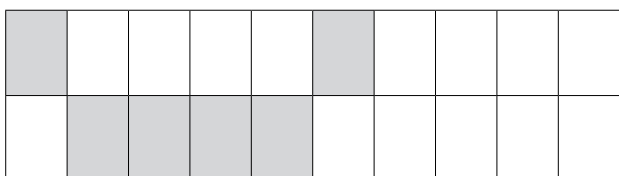
1:3

b.



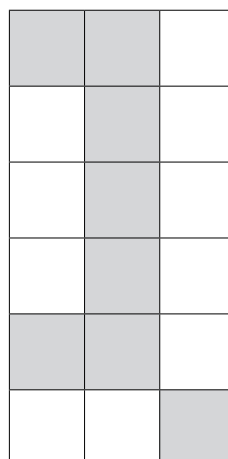
shaded to blank

c.



shaded to blank

d.



shaded to blank



# Introducing Ratio

4. Continue the sequences, counting on in multiples of the first numbers to find equivalent ratios. The first one is done for you.

<b>a.</b>	1:2	2:4	3:6	4:8	5:10	6:12
<b>b.</b>	1:5	2:10				
<b>c.</b>	2:7					
<b>d.</b>	3:5			12:20		
<b>e.</b>		14:22				42:66
<b>f.</b>				20:28		30:42

5. In each row, draw a circle around the ratios which are equivalent to the first ratio:

<b>a. 2:3</b>	1:2	4:6	8:12	3:8	10:15
<b>b. 4:5</b>	12:15	2:4	8:10	40:50	3:4
<b>c. 3:4</b>	2:3	9:12	7:11	15:20	6:9
<b>d. 6:7</b>	24:28	12:16	12:14	60:70	35:30
<b>e. 5:2</b>	10:4	30:12	3:1	40:16	15:6
<b>f. 3:5</b>	2:3	10:6	6:10	30:60	12:16