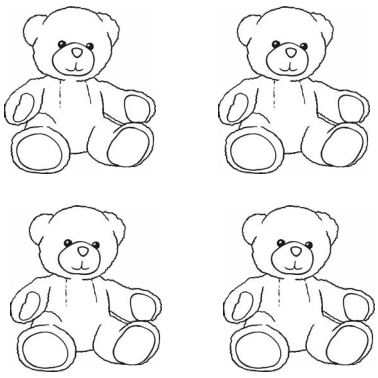
Parents: In year 2, children are taught more about fractions. They study fractions visually by shading parts of shapes, and also look at finding fractions of amounts, for example, half of 12 cakes is 6 cakes. In these questions, encourage your child to find and shade half the number of objects. It may also help if your child counts out the equivalent number of counters/ buttons/beads and shares them to help them get a practical understanding of what it means to make one half or one quarter of a number of objects.

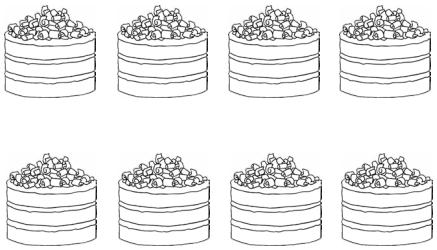
Fractions of Amounts

Find $\frac{1}{2}$ of these amounts:



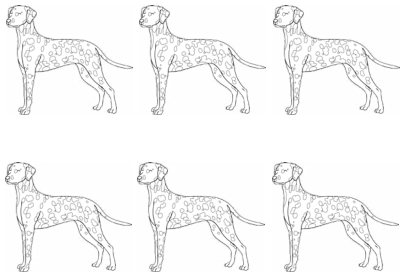
Total: 4 bears

$\frac{1}{2}$ of 4 is 2



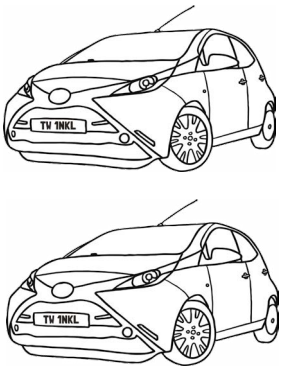
Total: ☐ cakes

$\frac{1}{2}$ of ☐ is ☐



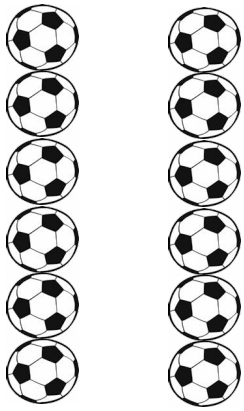
Total: ☐ dogs

$\frac{1}{2}$ of ☐ is ☐



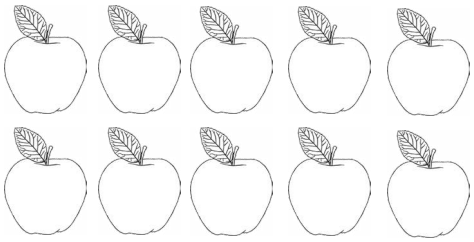
Total: ☐ cars

$\frac{1}{2}$ of ☐ is ☐



Total: ☐ balls

$\frac{1}{2}$ of ☐ is ☐

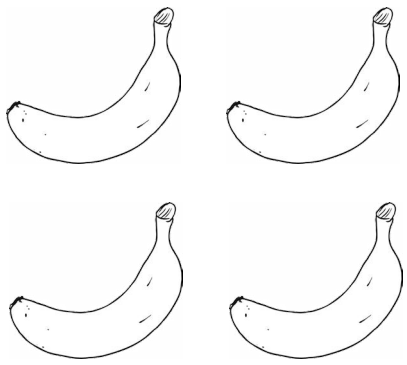
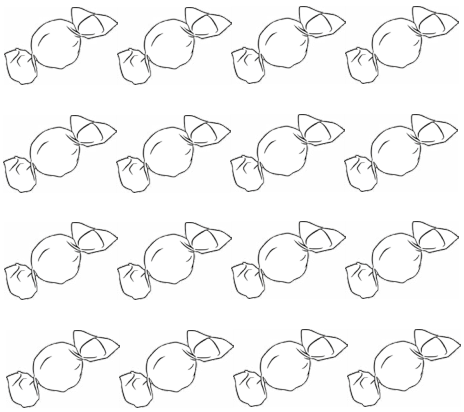
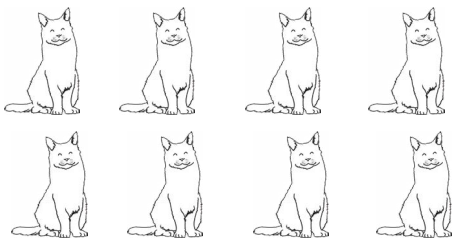


Total: ☐ apples

$\frac{1}{2}$ of ☐ is ☐

Fractions of Amounts

Find $\frac{1}{4}$ of these amounts:

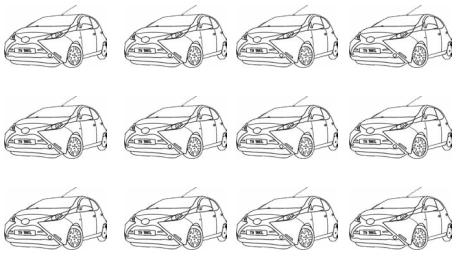
		
Total: ☐ bananas $\frac{1}{4}$ of ☐ is ☐	Total: ☐ sweets $\frac{1}{4}$ of ☐ is ☐	Total: ☐ cats $\frac{1}{4}$ of ☐ is ☐

Challenge: Find $\frac{3}{4}$ of the bananas. ☐

Parents: In year 2, children are taught more about fractions. They start by shading parts of shapes, and also look at finding fractions of amounts, for example, half of 12 cakes is 6 cakes. In these questions, encourage your child to find and shade half the number of objects. It may also help if your child counts out the equivalent number of counters/buttons/beads and shares them to help them get a practical understanding of what it means to make one half or one quarter of a number of objects. For the last set of questions, ensure your child understands that if we take 1/4 away, we are left with 3/4. It may help to use a piece of toast or a cake to demonstrate this – cut it into 4 and take 1 piece away – how many pieces (quarters) are left? To complete these questions, show your child how find 1/4 of the objects, but instead of counting the 1/4, count what is left over – the 3/4.

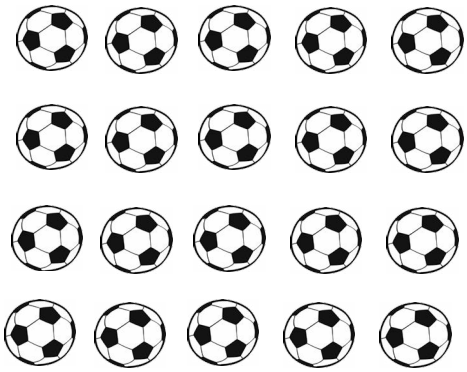
Fractions of Amounts

Find $\frac{1}{2}$ of these amounts:



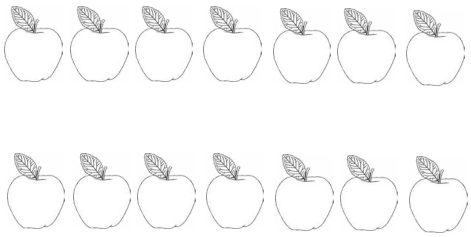
Total: ☐ cars

$\frac{1}{2}$ of ☐ is ☐



Total: ☐ balls

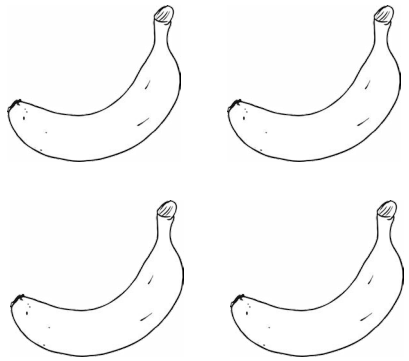
$\frac{1}{2}$ of ☐ is ☐



Total: ☐ apples

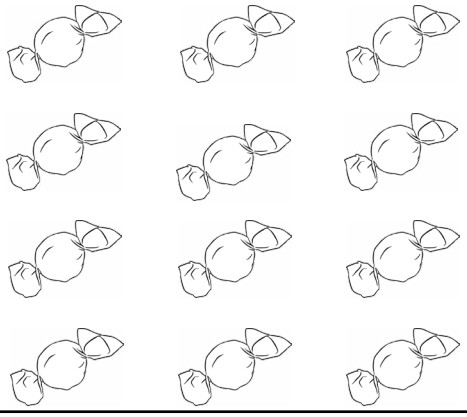
$\frac{1}{2}$ of ☐ is ☐

Find $\frac{1}{4}$ of these amounts:



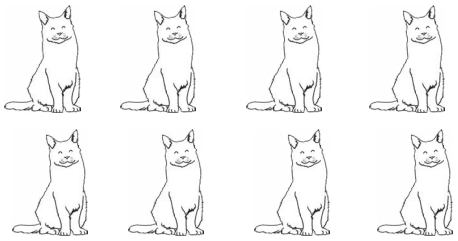
Total: ☐ bananas

$\frac{1}{4}$ of ☐ is ☐



Total: ☐ sweets

$\frac{1}{4}$ of ☐ is ☐

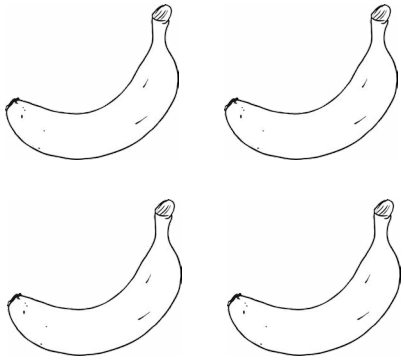
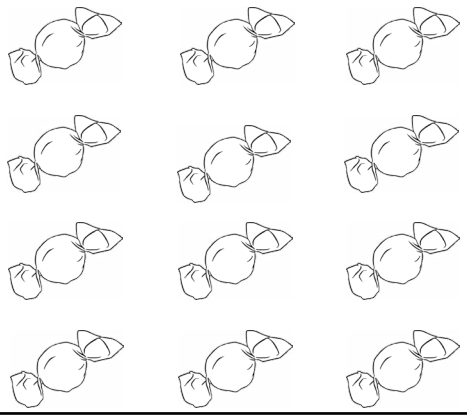
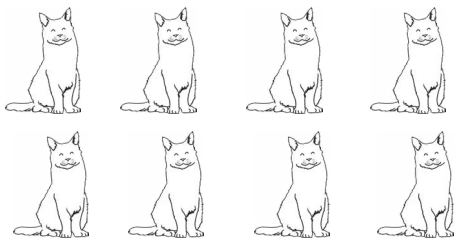


Total: ☐ cats

$\frac{1}{4}$ of ☐ is ☐

Fractions of Amounts

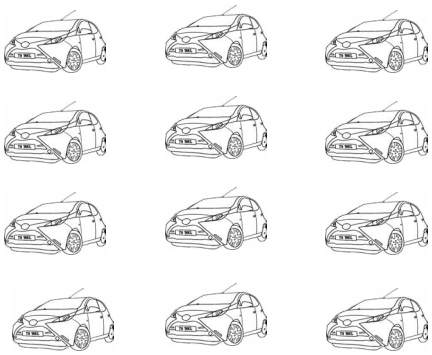
Challenge: Find $\frac{3}{4}$ of these amounts:

		
Total: ☐ bananas $\frac{3}{4}$ of ☐ is ☐	Total: ☐ sweets $\frac{3}{4}$ of ☐ is ☐	Total: ☐ cats $\frac{3}{4}$ of ☐ is ☐

Parents: In year 2, children are taught more about fractions. They start by shading parts of shapes, and also look at finding fractions of amounts, for example, half of 12 cakes is 6 cakes. In these questions, encourage your child to find and shade half the number of objects. It may also help if your child counts out the equivalent number of counters/buttons/beads and shares them to help them get a practical understanding of what it means to make one half or one quarter of a number of objects. For the last set of questions, ensure your child understands that if we take 1/4 away, we are left with 3/4. It may help to use a piece of toast or a cake to demonstrate this – cut it into 4 and take 1 piece away – how many pieces (quarters) are left? To complete these questions, show your child how find 1/4 of the objects, but instead of counting the 1/4, count what is left over – the 3/4.

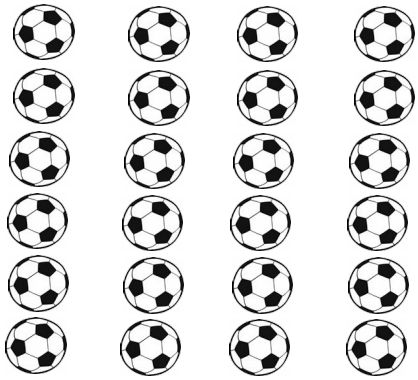
Fractions of Amounts

Find $\frac{1}{2}$ of these amounts:



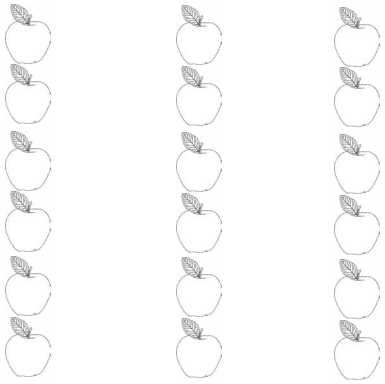
Total: ☐ cars

$\frac{1}{2}$ of ☐ is ☐



Total: ☐ balls

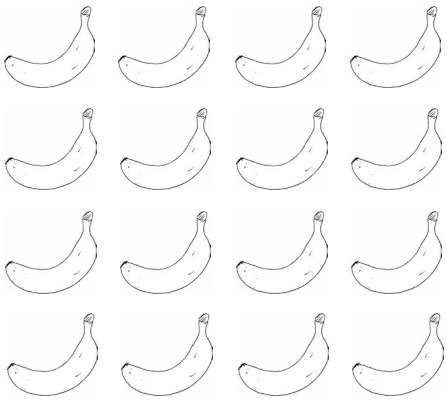
$\frac{1}{2}$ of ☐ is ☐



Total: ☐ apples

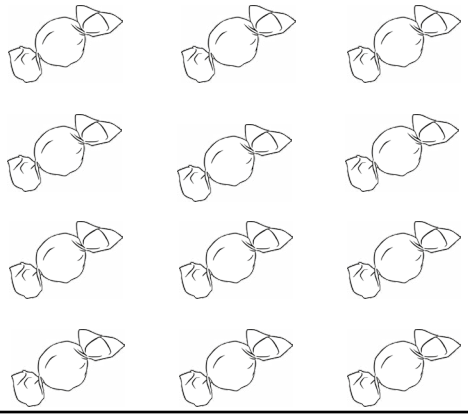
$\frac{1}{2}$ of ☐ is ☐

Find $\frac{1}{4}$ of these amounts:



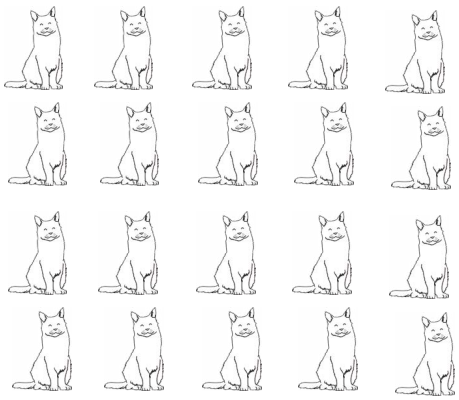
Total: ☐ bananas

$\frac{1}{4}$ of ☐ is ☐



Total: ☐ sweets

$\frac{1}{4}$ of ☐ is ☐

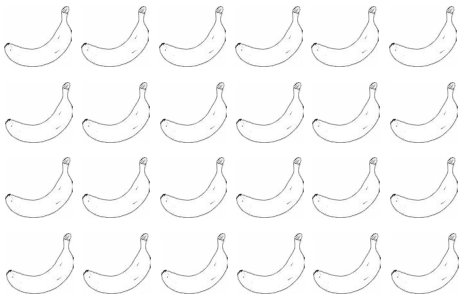
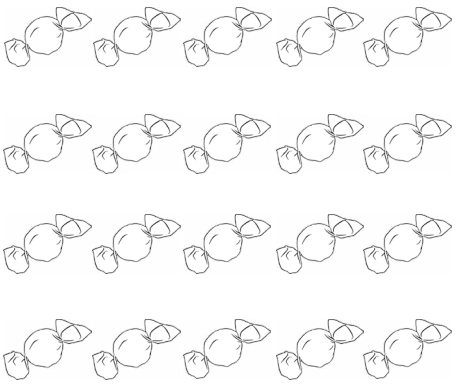
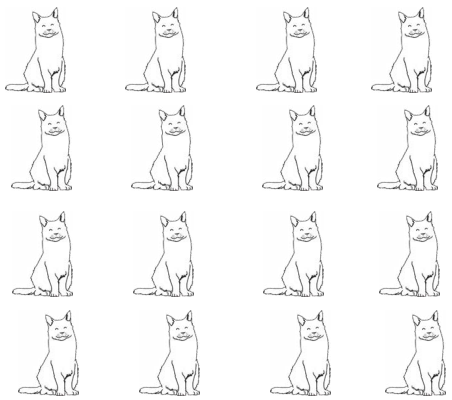


Total: ☐ cats

$\frac{1}{4}$ of ☐ is ☐

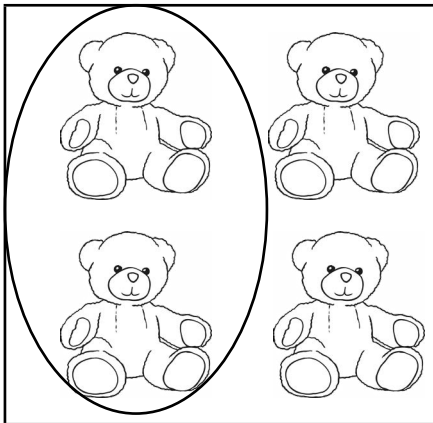
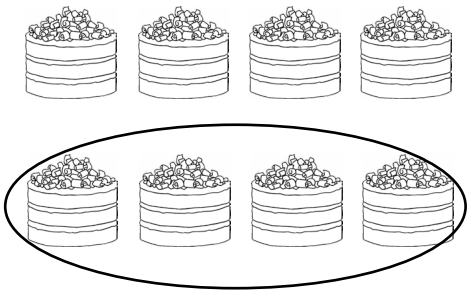
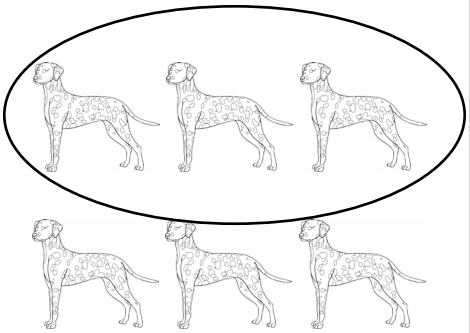
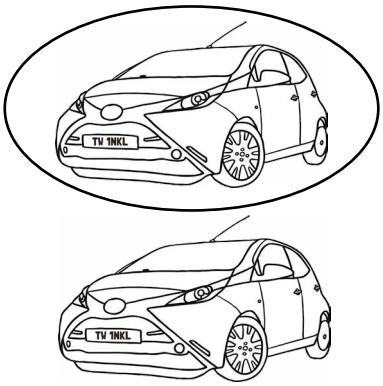
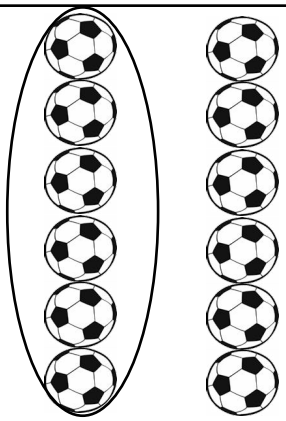
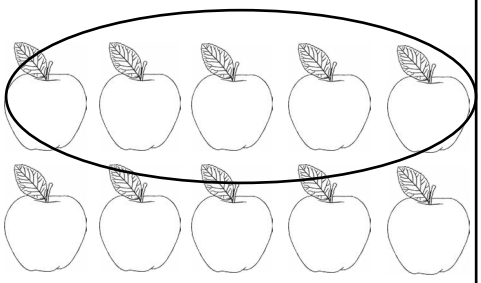
Fractions of Amounts

Challenge: Find $\frac{3}{4}$ of these amounts:

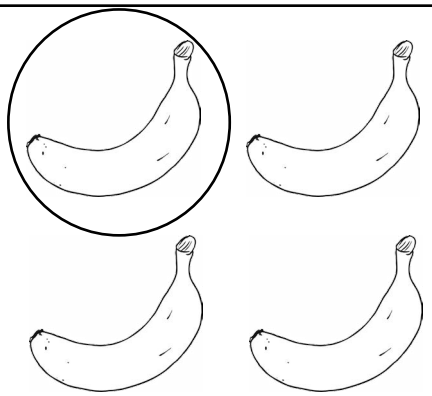
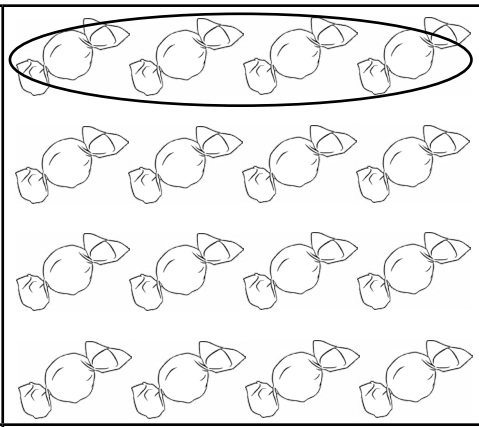
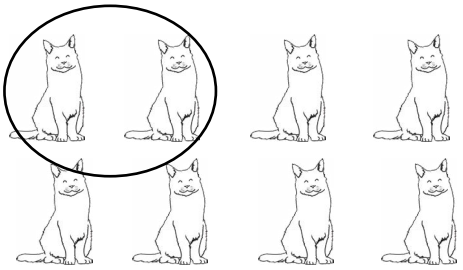
		
Total: ☐ bananas $\frac{3}{4}$ of ☐ is ☐	Total: ☐ sweets $\frac{3}{4}$ of ☐ is ☐	Total: ☐ cats $\frac{3}{4}$ of ☐ is ☐

Fractions of Amounts - **Answers**

Find $\frac{1}{2}$ of these amounts:

		
Total: 4 bears $\frac{1}{2}$ of 4 is 2	Total: **8** cakes $\frac{1}{2}$ of **8** is **4**	Total: **6** dogs $\frac{1}{2}$ of **6** is **3**
		
Total: **2** cars $\frac{1}{2}$ of **2** is **1**	Total: **12** balls $\frac{1}{2}$ of **12** is **6**	Total: **10** apples $\frac{1}{2}$ of **10** is **5**

Find $\frac{1}{4}$ of these amounts:

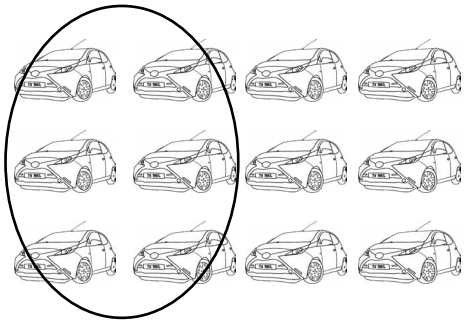
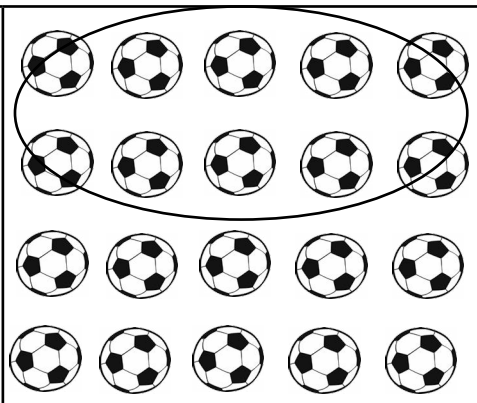
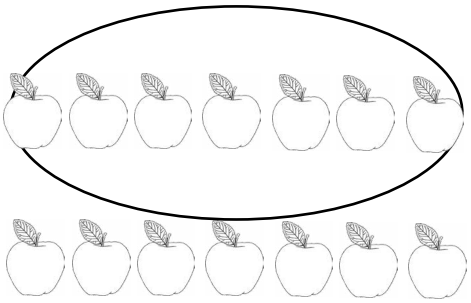
		
Total: **4** bananas $\frac{1}{4}$ of **4** is **1**	Total: **16** sweets $\frac{1}{4}$ of **14** is **4**	Total: **8** cats $\frac{1}{4}$ of **8** is **2**

Children can circle any of the items, as long as the total number is correct. It may help to encourage children to choose the items in a particular way to see the visual representation.

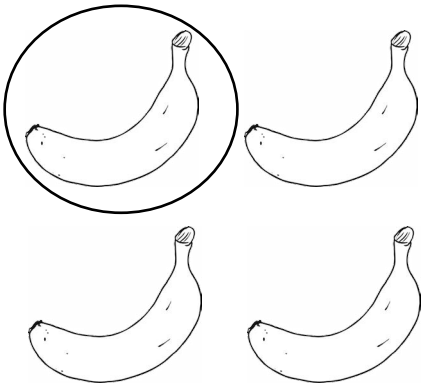
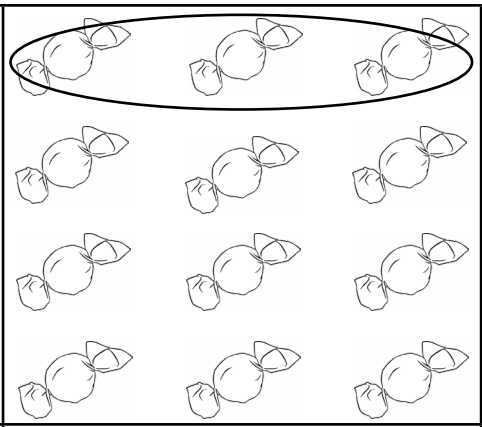
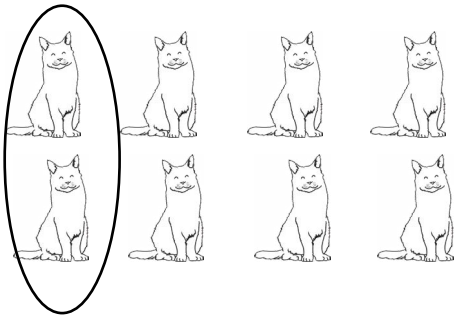
Challenge: Find $\frac{3}{4}$ of the bananas. **3**

Fractions of Amounts - **Answers**

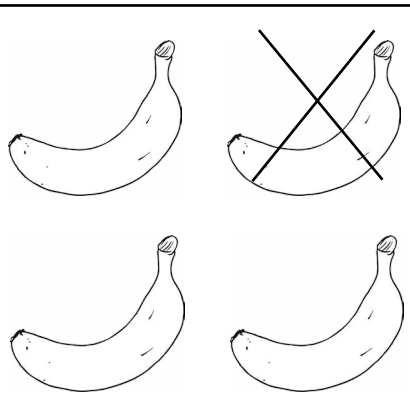
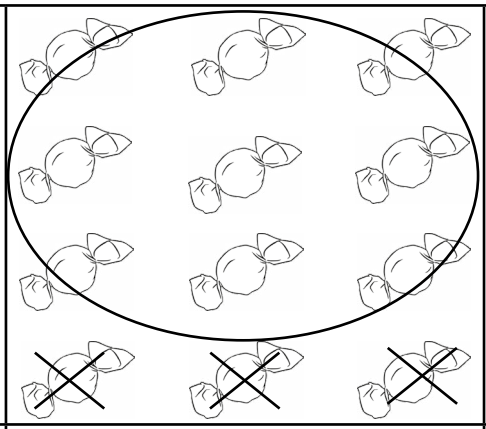
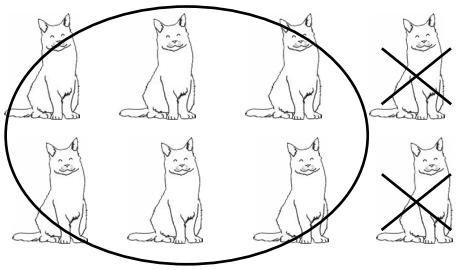
Find $\frac{1}{2}$ of these amounts:

		
Total: **12** cars $\frac{1}{2}$ of **12** is **6**	Total: **20** balls $\frac{1}{2}$ of **20** is **10**	Total: **14** apples $\frac{1}{2}$ of **14** is **7**

Find $\frac{1}{4}$ of these amounts:

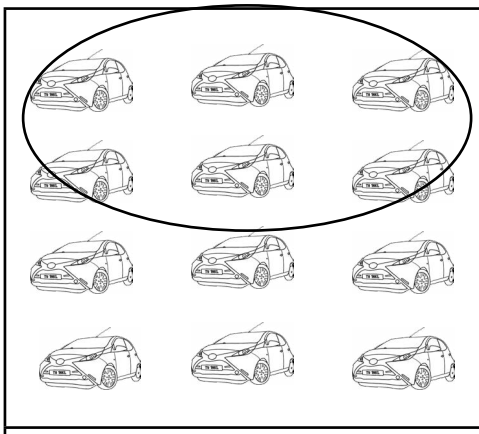
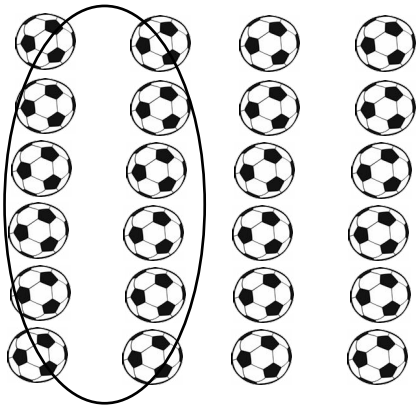
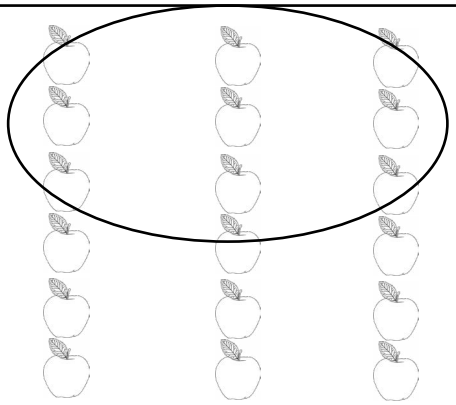
		
Total: **4** bananas $\frac{1}{4}$ of **4** is **1**	Total: **12** sweets $\frac{1}{4}$ of **12** is **3**	Total: **8** cats $\frac{1}{4}$ of **8** is **2**

Challenge: Find $\frac{3}{4}$ of these amounts:

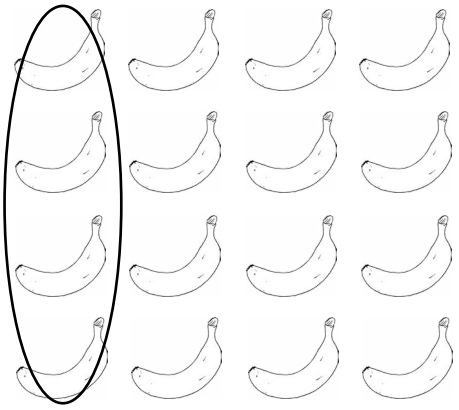
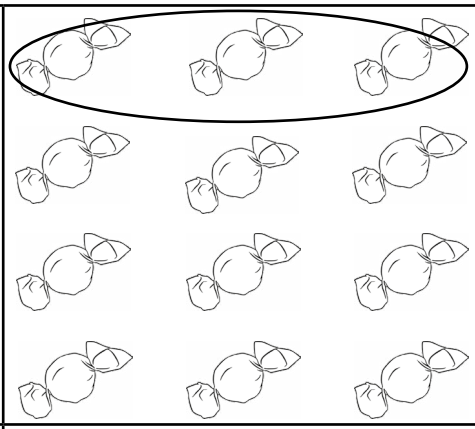
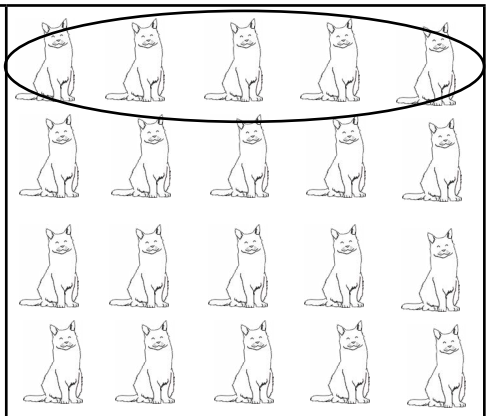
		
Total: **4** bananas $\frac{3}{4}$ of **4** is **3**	Total: **12** sweets $\frac{3}{4}$ of **12** is **9**	Total: **8** cats $\frac{3}{4}$ of **8** is **6**

Fractions of Amounts - **Answers**

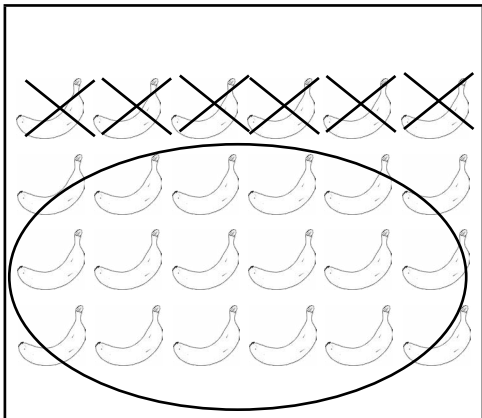
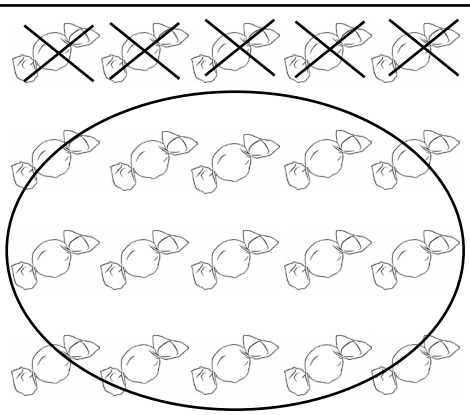
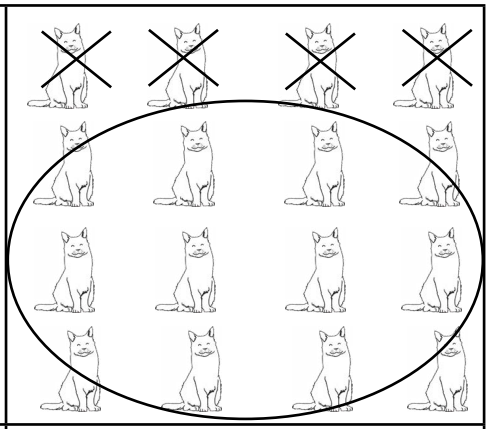
Find $\frac{1}{2}$ of these amounts:

		
Total: **12** cars	Total: **24** balls	Total: **18** apples
$\frac{1}{2}$ of **12** is **6**	$\frac{1}{2}$ of **24** is **12**	$\frac{1}{2}$ of **18** is **9**

Find $\frac{1}{4}$ of these amounts:

		
Total: **16** bananas	Total: **12** sweets	Total: **20** cats
$\frac{1}{4}$ of **16** is **4**	$\frac{1}{4}$ of **12** is **3**	$\frac{1}{4}$ of **20** is **5**

Challenge: Find $\frac{3}{4}$ of these amounts:

		
Total: **24** bananas $\frac{3}{4}$ of **24** is **18**	Total: **20** sweets $\frac{3}{4}$ of **20** is **15**	Total: **16** cats $\frac{3}{4}$ of **16** is **12**