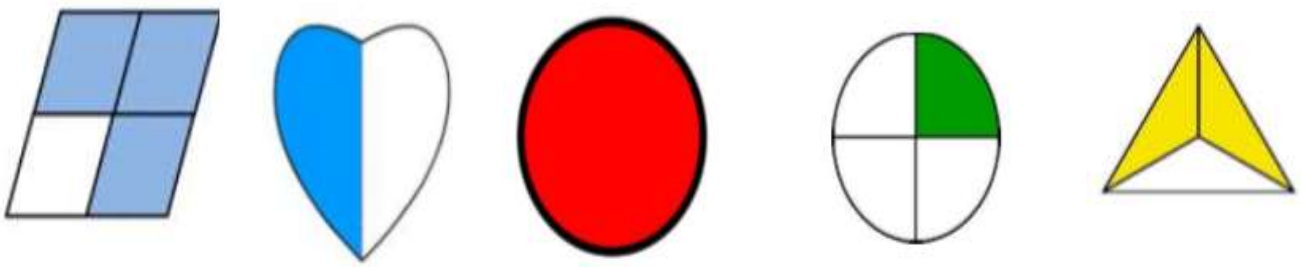
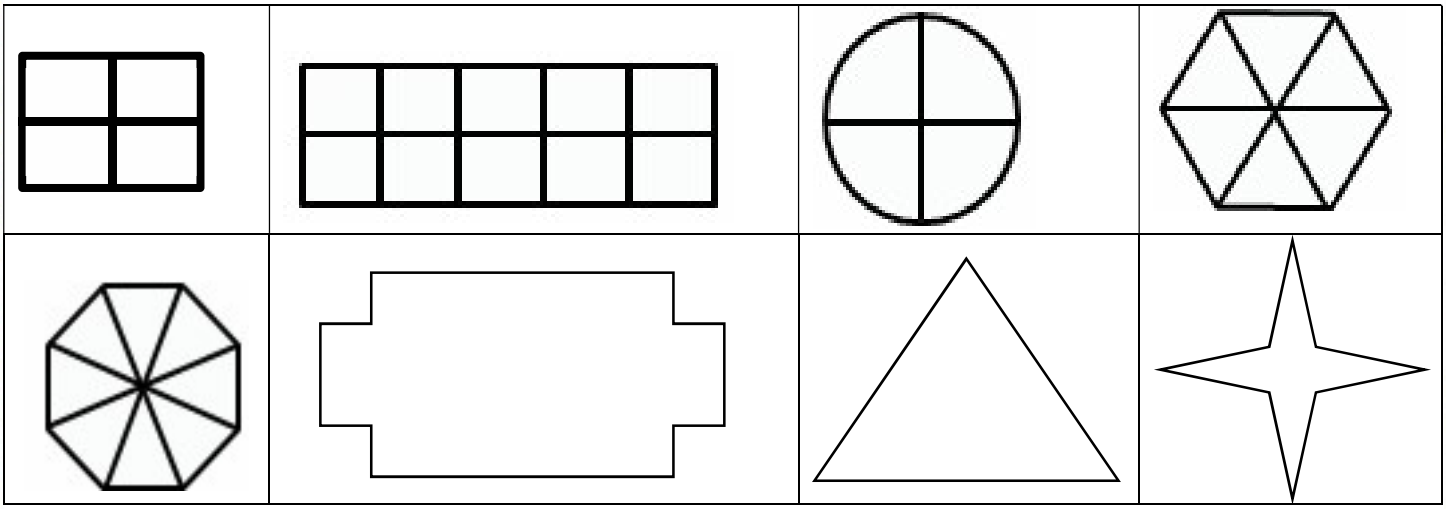
Year 2

fractions booklet

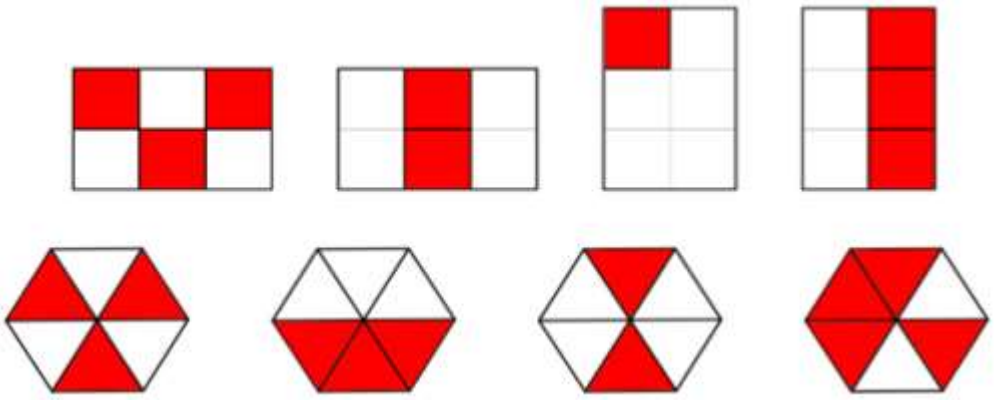
$\frac{1}{3}$ $\frac{1}{2}$ $\frac{1}{4}$ $\frac{3}{4}$



Shade ½ of these shapes.



Tick the shapes that show one half shaded



What is ½ of these numbers?

½ of 24 =	½ of 12 =
½ of 28 =	½ of 48 =
½ of 10 =	½ of 16 =
½ of 100 =	½ of 22 =
½ of 50 =	½ of 20 =

Solve these problems.

1. Emma and Jack each get half of this money

How much do Emma and Jack get? ----------

2. I half a number and get 22. What number did I start with?

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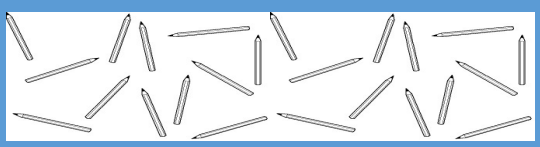
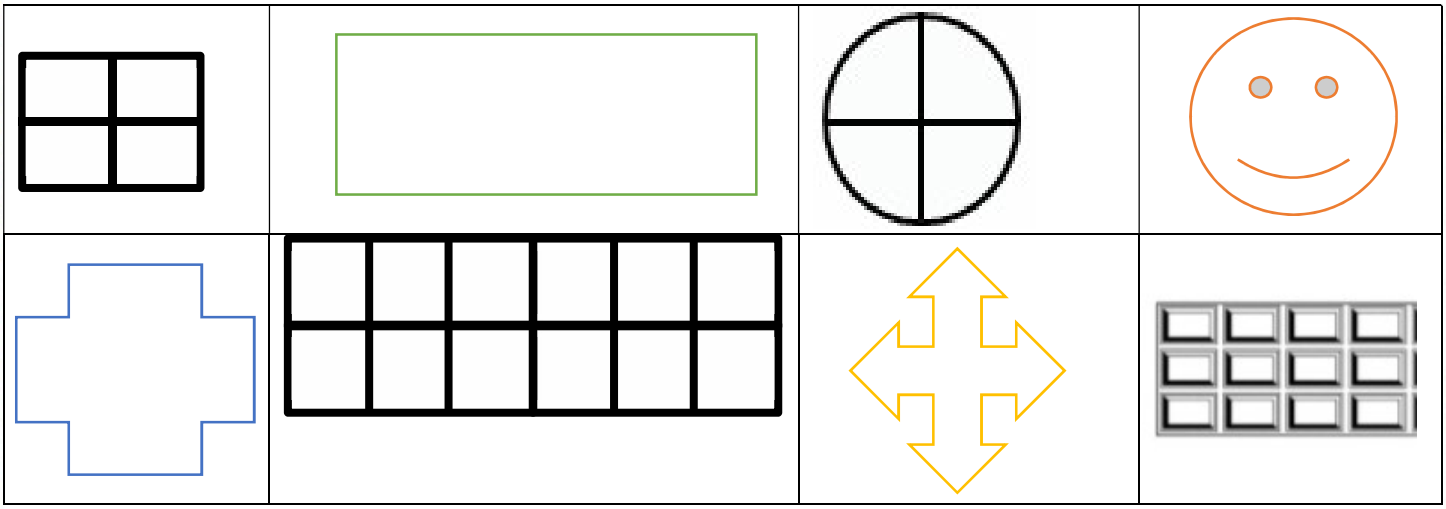
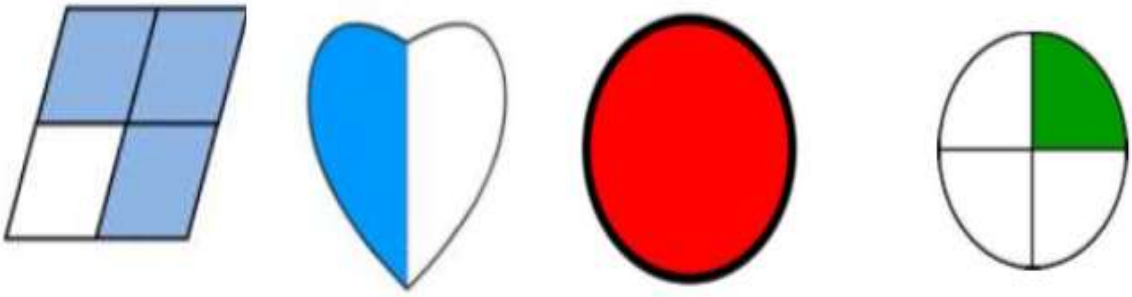
3. Here is a set of 24 pencils. How many is a half of the set?



Shade ¼ of these shapes.



Tick the shape that shows one quarter shaded.



What is ½ of these numbers?

¼ of 24 =	¼ of 28 =
¼ of 44 =	¼ of 16 =
¼ of 36 =	¼ of 40 =
¼ of 8 =	¼ of 44 =
¼ of 32 =	¼ of 12 =

Solve these problems.

4. Emma has 20 muffins.

Find ¼ of muffins? ----------

5. I think of a number. A quarter of that number is 8?

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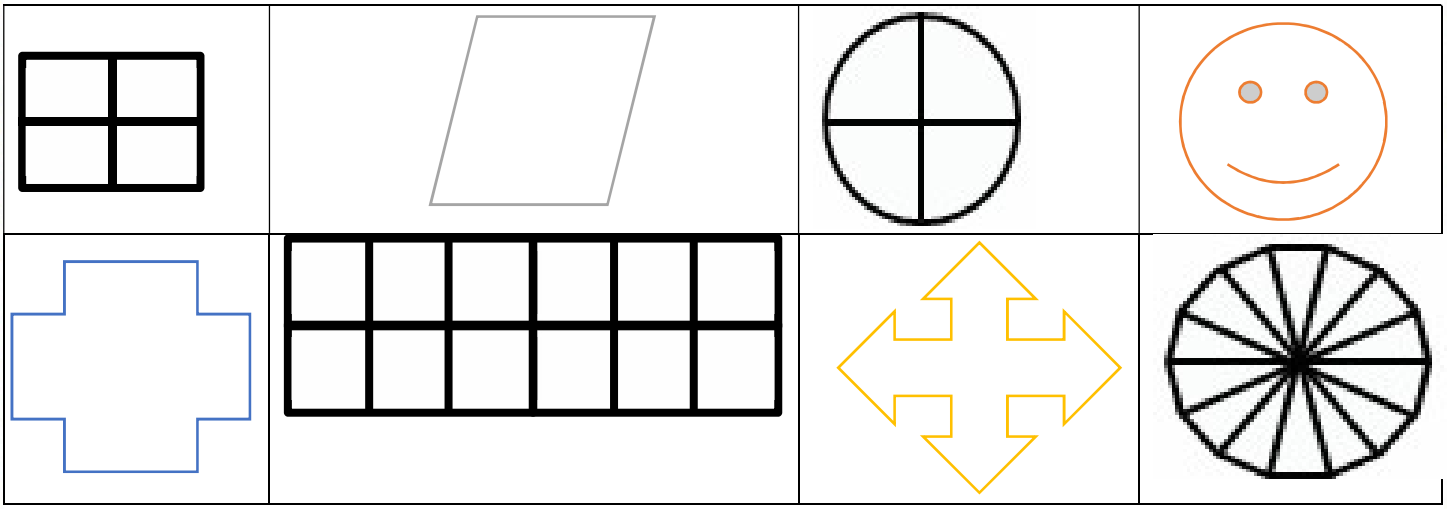
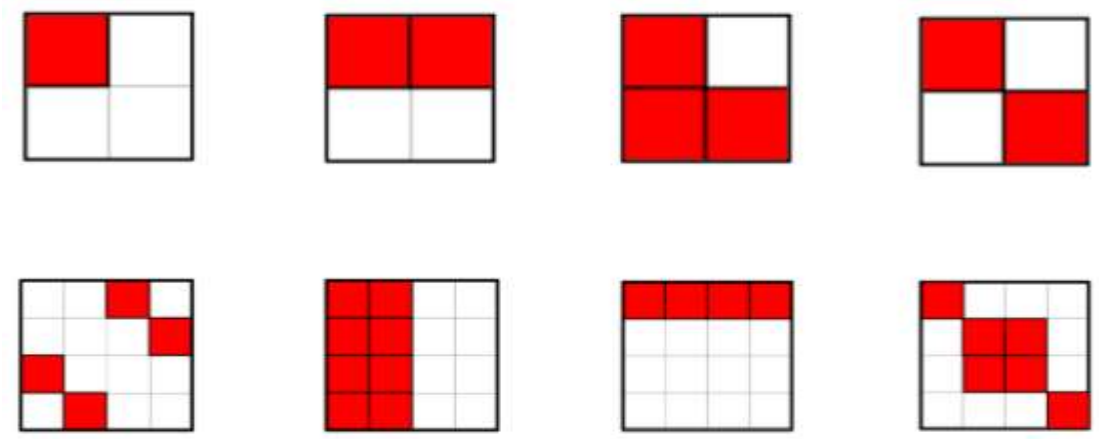
6. Here are some hearts. Can you calculate quarter of them?

Shade ¾ of these shapes.



Tick the shape that shows three quarter shaded.



What is ¾ of these numbers?

¾ of 24 =	¾ of 40 =
¾ of 16 =	¾ of 44 =
¾ of 8 =	¾ of 36 =
¾ of 28 =	¾ of 48 =
¾ of 20 =	¾ of 32 =

Solve these problems.

7. Emma has 8 muffins.

Find ¾ of muffins? ----------

8. I think of a number. Three quarter of that number is 12?

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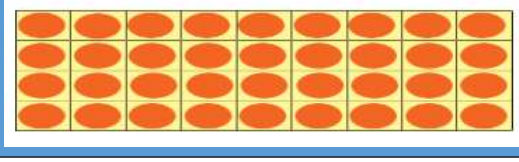
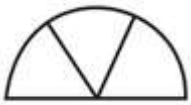
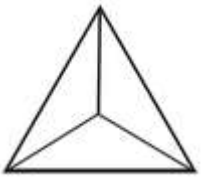
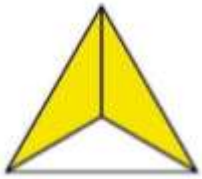
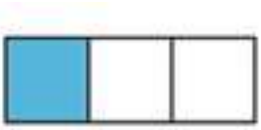
9. Here are some oranges. How many is a three quarter of the oranges?



Shade ⅓ of these shapes.

Tick the shape that shows one third shaded.

What is ⅓ of these numbers?

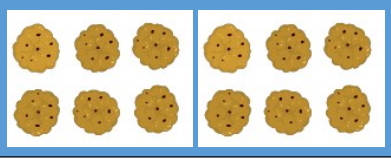
⅓ of 3 =	⅓ of 36 =
⅓ of 6 =	⅓ of 15 =
⅓ of 33 =	⅓ of 21 =
⅓ of 18 =	⅓ of 27 =
⅓ of 24 =	⅓ of 30 =

Solve these problems.

- Emma has 9 cars.

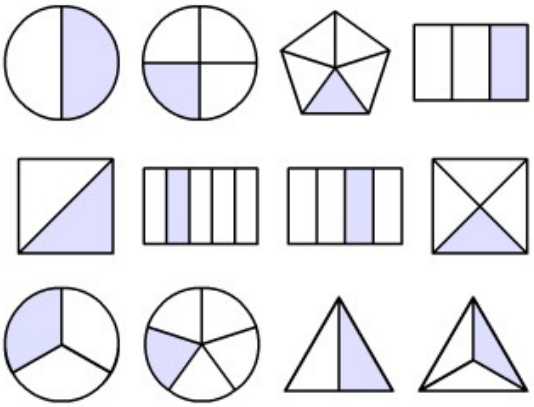
Find ⅓ of cars? ----------

- I think of a number. One-third of that number is 2? ----------
- Here are some cookies. How many is one-third of the cookies?



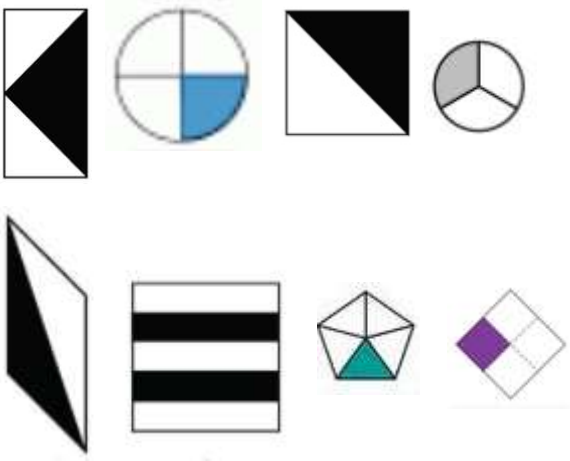
Cut and put the shapes in correct boxes.

Put the shapes in the correct box:



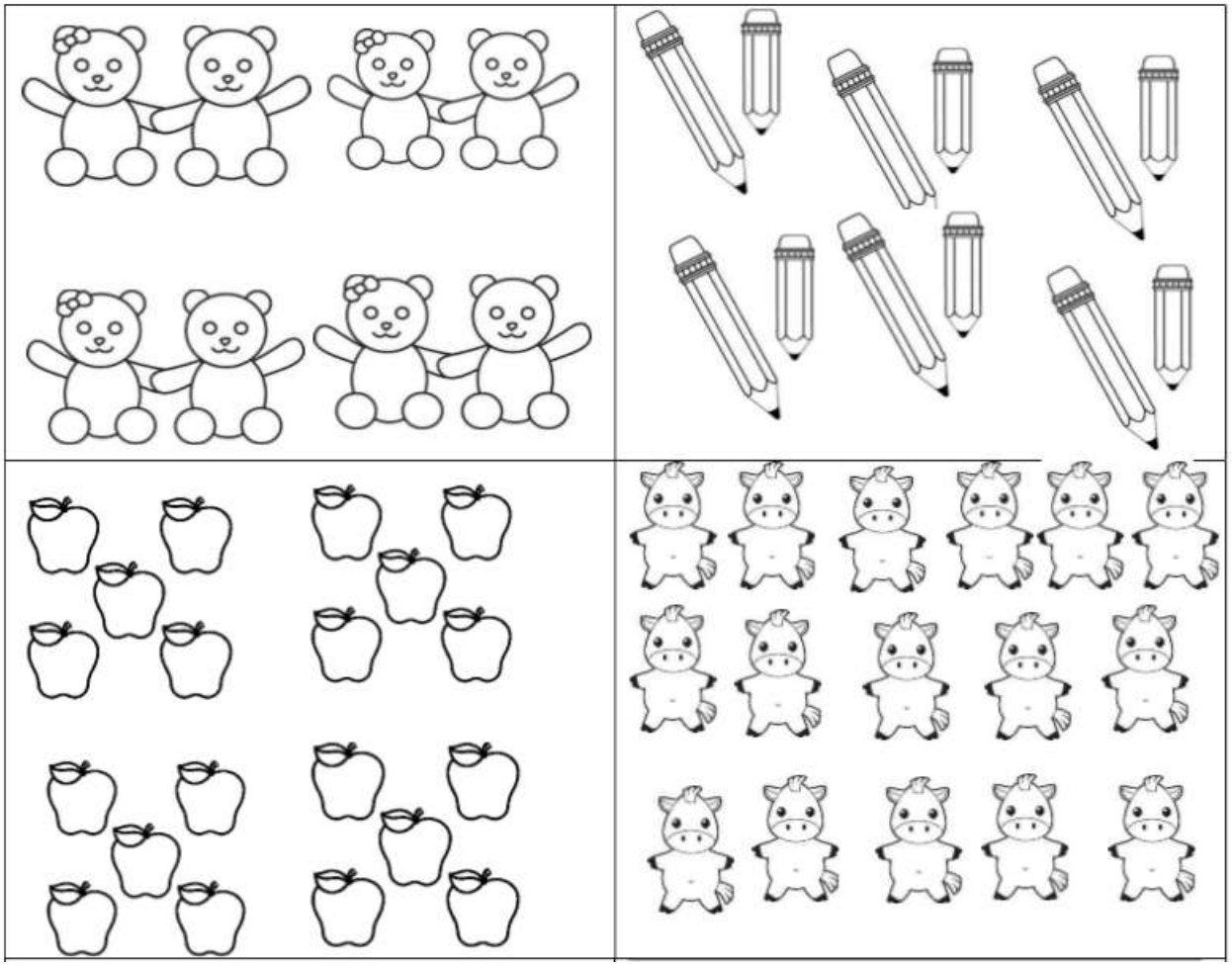
$\frac{1}{2}$	$\frac{1}{3}$
$\frac{1}{4}$	$\frac{1}{5}$

Put the shapes in the correct box:

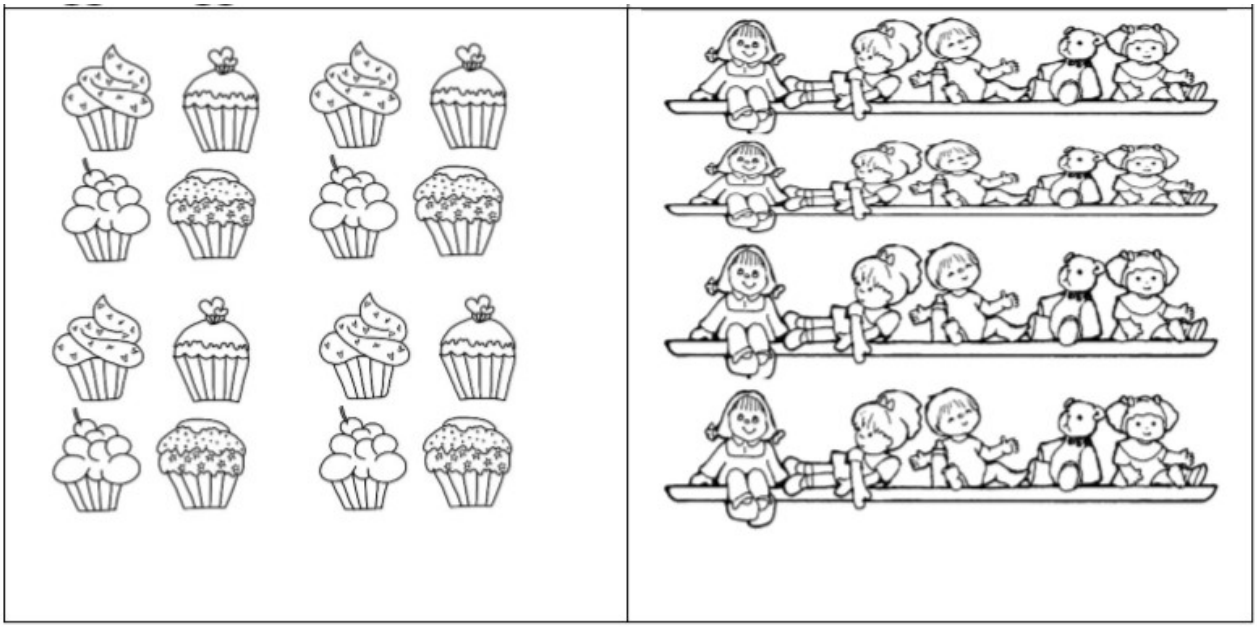


$\frac{1}{2}$	$\frac{1}{3}$
$\frac{1}{4}$	$\frac{1}{5}$

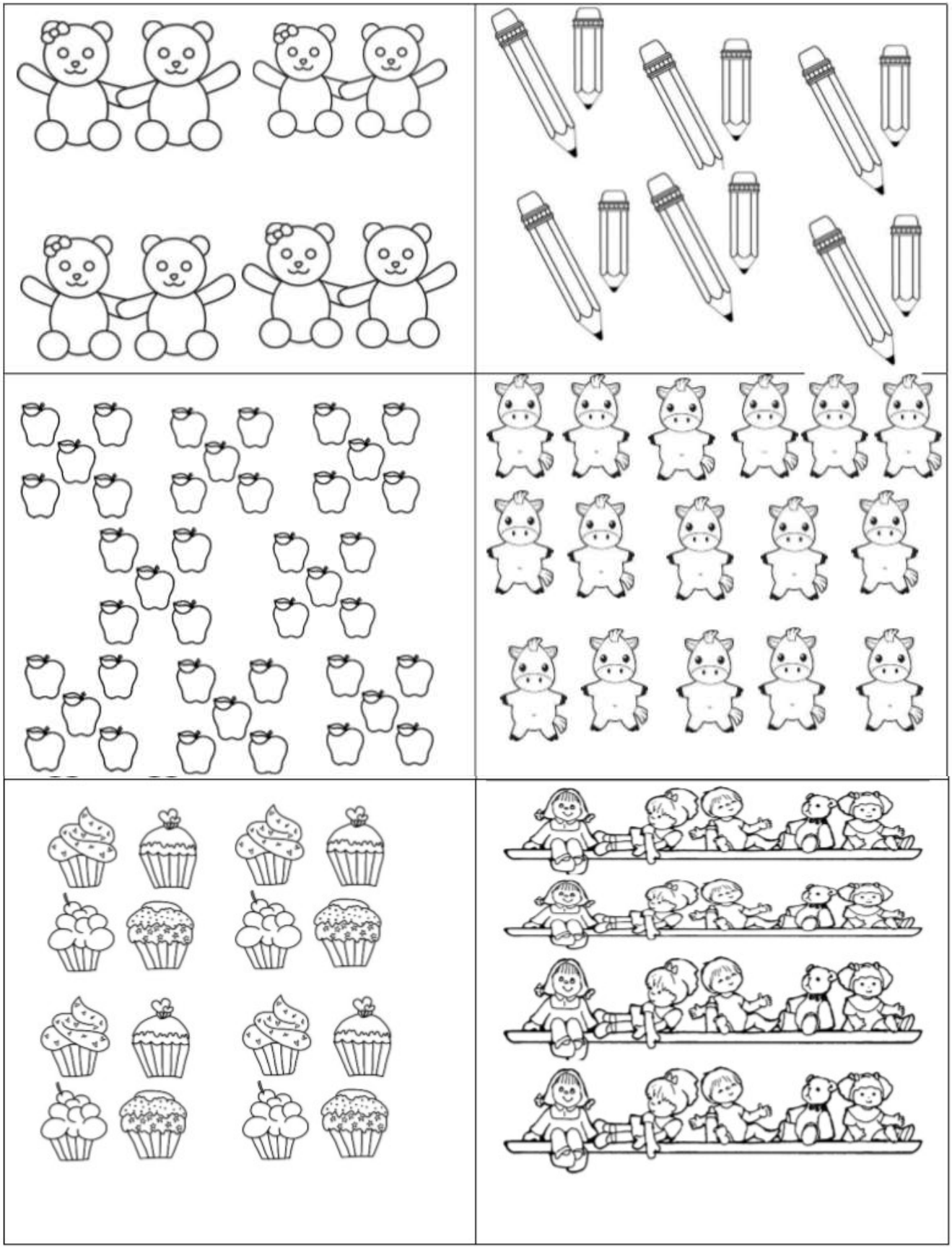
Colour half of the objects



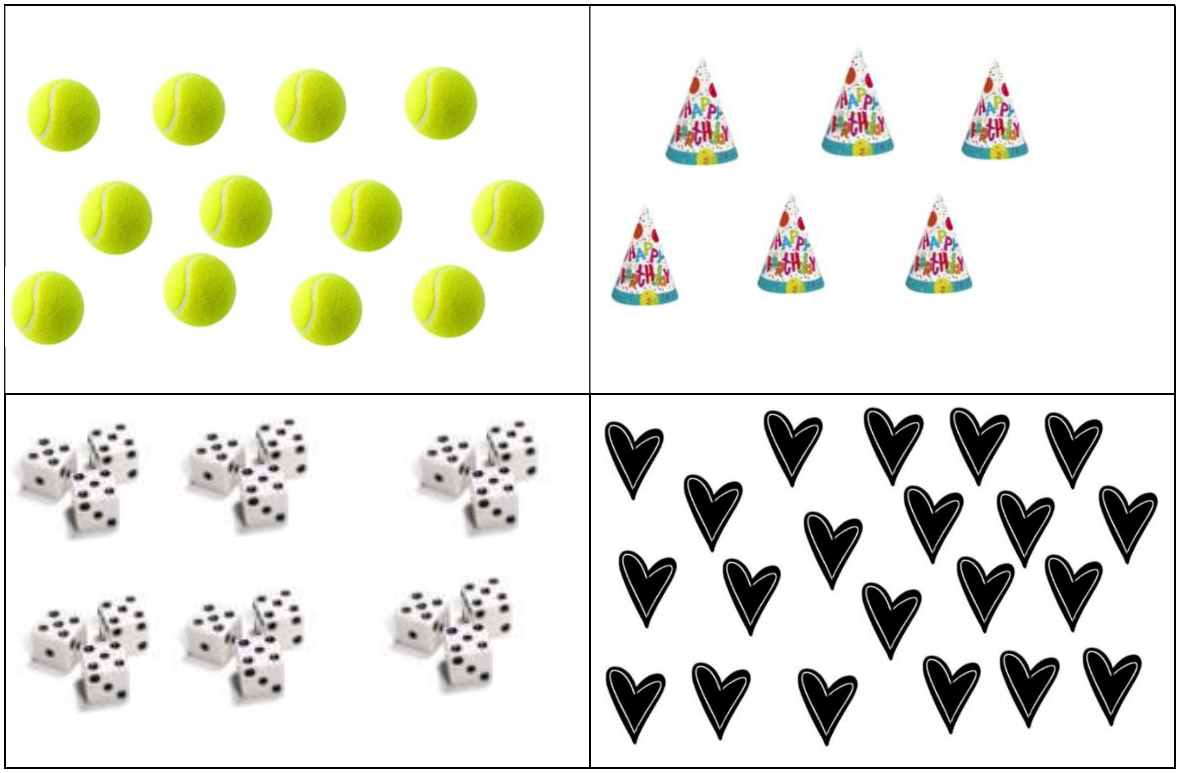
Colour quarter of the objects



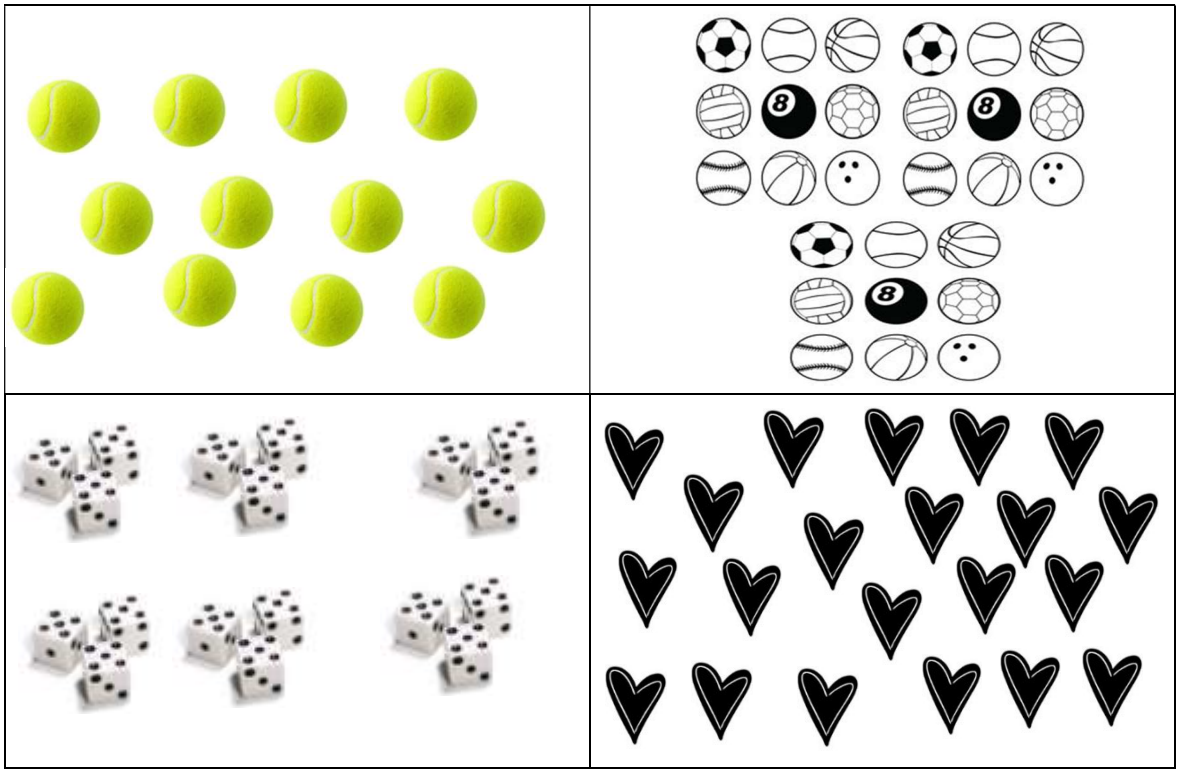
Colour three quarters of the objects below.



Colour one-third of the objects



Colour two-third of the objects



Reasoning:

Ben thinks ¼ of 32 = 7.

Is he correct?

How did you work out the answer?

Sam has shaded in 2/3 of this shape.

Is he correct?

Explain your answer.

Allan has 9 lollipops. She has split them in three equal groups

Is she correct? Explain your answer.

Sara collects 10 eggs. She uses to make a cake. How many eggs did she use? How many eggs does she have left?

How did you worked out the answer?