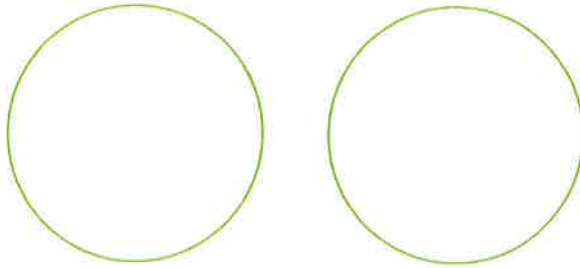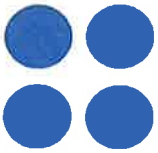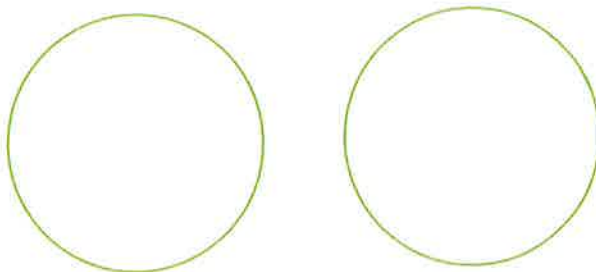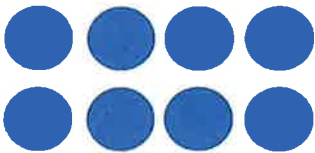|	L.O. To divide a number within 20 by sharing using concrete objects to support calculations	Traffic Light

Can you share 4 sweets between 2 plates?

4 shared by 2 = _____
4 ÷ 2 = _____
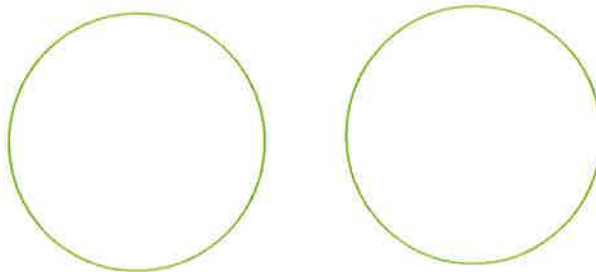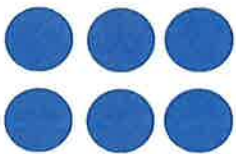
Can you share 8 sweets between 2 plates?

8 shared by 2 = _____
8 ÷ 2 = _____

Can you share 6 sweets between 2 plates?

6 shared by 2 = _____
6 ÷ 2 = _____

Can you share 4 sweets between 2 plates?

10 shared by 2 = _____
10 ÷ 2 = _____

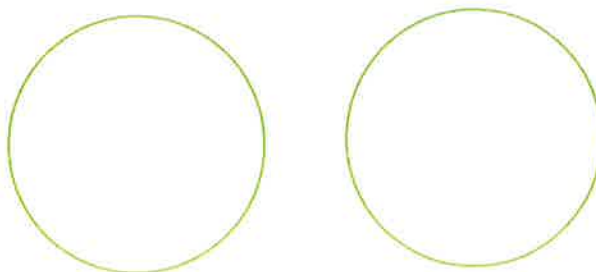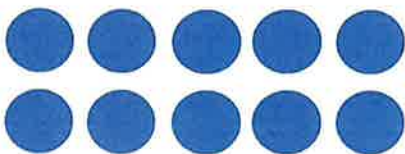|	L.O. To divide a number within 20 by sharing using concrete objects to support calculations	Traffic Light

Can you share 6 sweets between 3 plates?

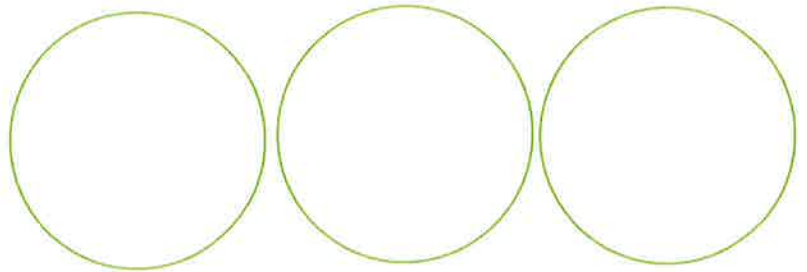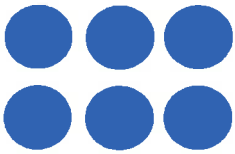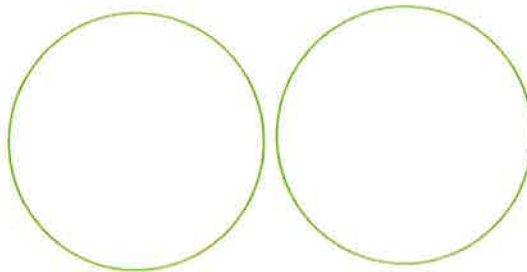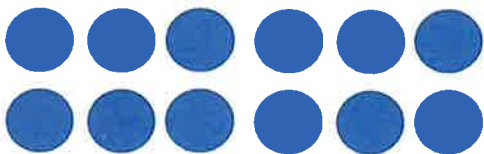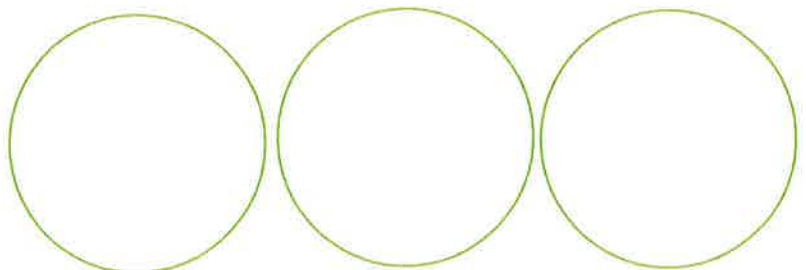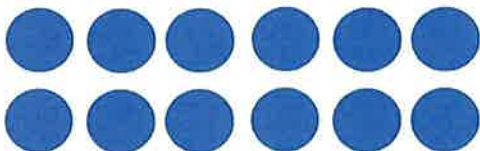6 shared by 3 = _____

$6 \div 3 =$ _____

Can you share 12 sweets between 2 plates?

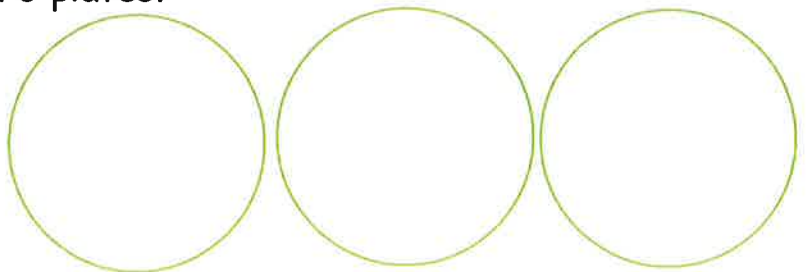12 shared by 2 = _____

$12 \div 2 =$ _____

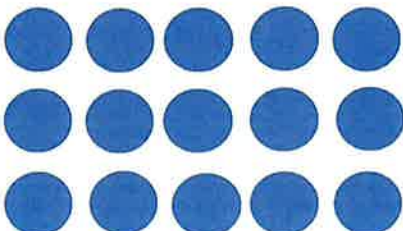Can you share 12 sweets between 3 plates?

12 shared by 3 = _____

$12 \div 3 =$ _____

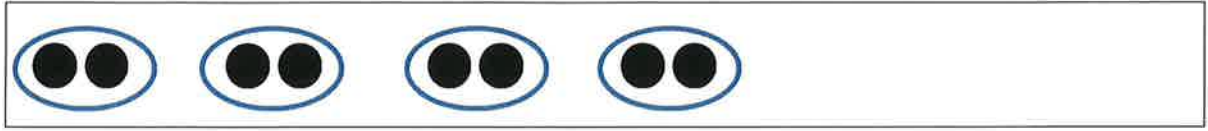Can you share 15 sweets between 3 plates?

15 shared by 3 = _____

$15 \div 3 =$ _____

	L.O. To be able to practice sharing into groups using pictorial representations.	Traffic light

a) *Example: 8 ÷ 4= 2*

b) 8 ÷ 2= _____

c) 6 ÷ 3= _____

d) 6 ÷ 6= _____

e) 6 ÷ 2= _____

e) 10 ÷ 5 = _____
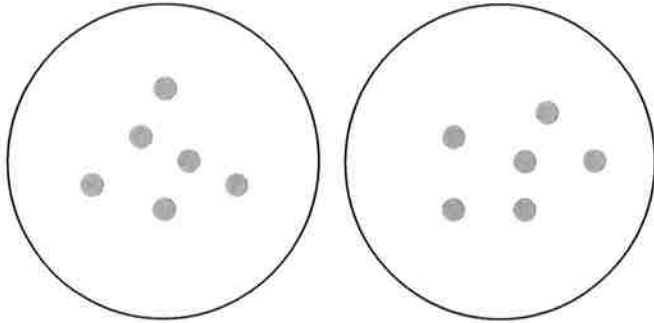
Division by Sharing (Word Problems 2)

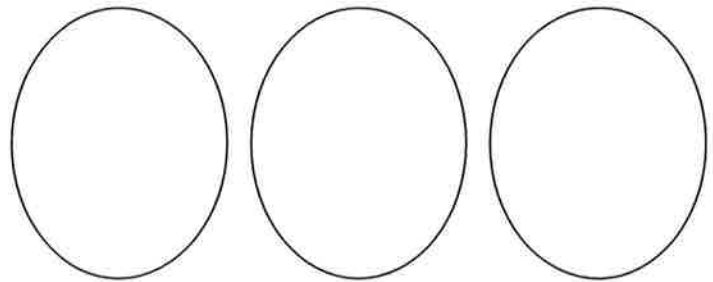**Name:**   **Date:**

At the supermarket, dad shares 12 tins equally into two bags. How many tins does he put in each bag?
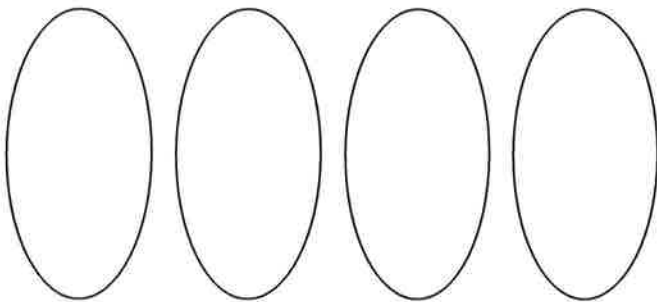
$$12 \div 2 = 6$$

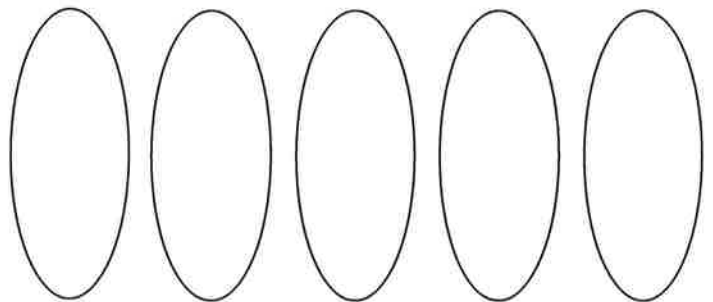Matthew, Emily and Harry share out 15 marbles. How many marbles do they get each?

$$15 \div 3 =$$

Mandy has 28cm of sticky tape to wrap four small parcels. How much tape should she use on each one?
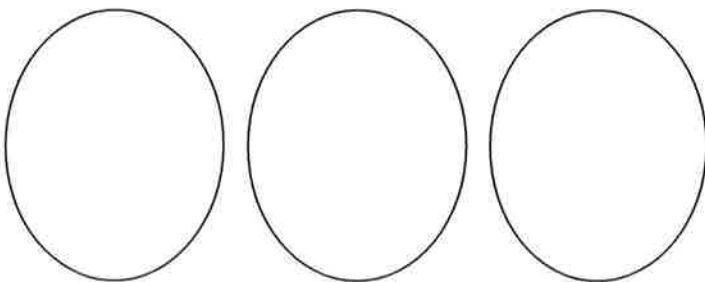
$$28 \div 4 =$$

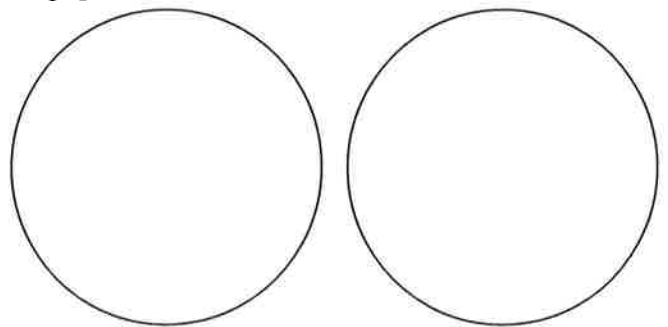15 scouts need to share five tents at their summer camp. How many scouts should stay in each tent?

$$15 \div 5 =$$

George spent 12 days in Italy visiting three cities. How many days did he stay in each one if he shared his time equally?

Class 2G has an equal number of boys and girls. If there are 18 children altogether, how many girls are there?
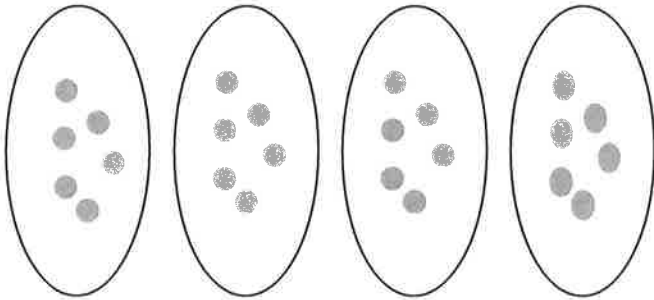
Division by Sharing (Word Problems 3)

Name: **Date:**

Cassie and her three friends are playing a card game. They share out 24 cards. How many cards do they get each?

$$24 \div 4 = 6$$

Three friends found some conkers and shared them out. If there were 18 conkers altogether, how many did they get each?

A chef shares 14 pieces of pepperoni onto two pizzas. How many did he put on each one?

There are 20 children in class 2G. Their teacher sorted them into four equal groups. How many children were there in each group?

Marge gives her three grandchildren £21 to share between them. How much money do they get each?

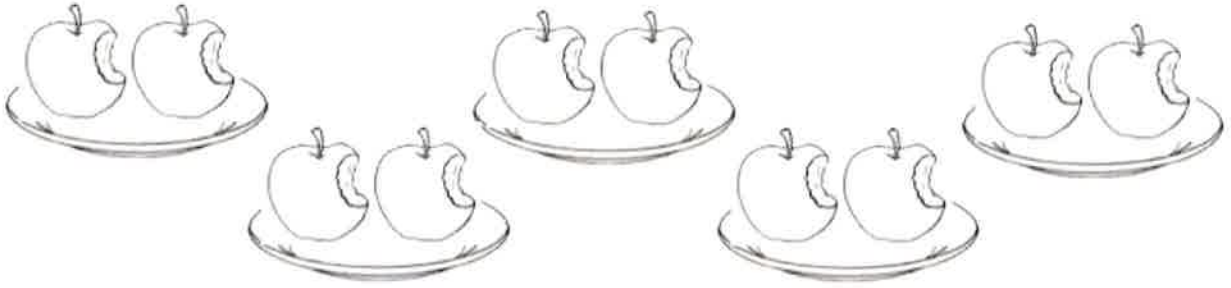Mrs. Jones plants 24 flowers equally in four rows. How many flowers does she plant in each row?

L.O. To use arrays to share a total amount into equal groups and write division sentences.

Traffic Light

16 ÷ 4 = 4

8 ÷ 2 = ____

8 ÷ 4 = ____

12 ÷ ____ = ____

12 ÷ ____ = ____

9 ÷ ____ = ____

____ ÷ ____ = ____

____ ÷ ____ = ____

____ ÷ ____ = ____

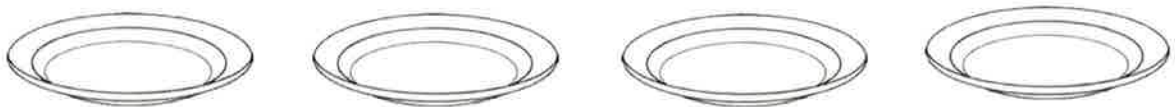|	L.O. To be able to practice sharing into groups of more than 2.	Traffic light

Example: Can you draw 10 apples equally between 5 plates?   10 ÷ 5 = 2

1. Can you draw 15 sweets equally between 3 plates? _____ ÷ _____ = _____

2. Can you draw 20 lollies on 4 plates?   _____ ÷ _____ = _____
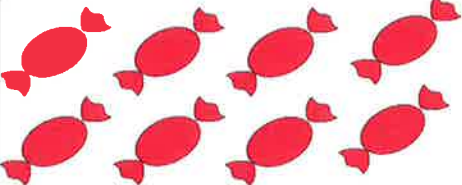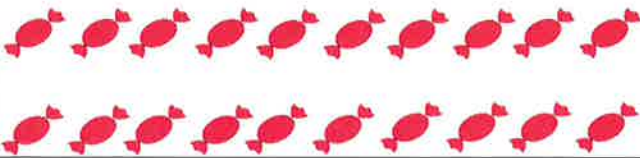
3. Can you draw 8 cakes on 4 plates?   _____ ÷ _____ = _____
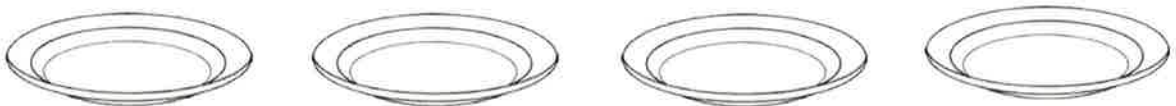
4. Can you draw 25 oranges on 5 plates?   _____ ÷ _____ = _____

	L.O. To be able to divide objects into groups and write the division sentence to match.	Traffic light

Objects to share:	How many will each person get? (circle the answer)	Can you write the division sentence?
Share 8 sweets between 2	2 3 4 5	_____ ÷ _____ = _____
Share 10 lollies between 5	2 3 4 5	
Share 4 sweets between 4	1 2 3 4	
Share 20 lollies between 5	1 2 3 4	
Share 16 sweets between 2	5 6 7 8	
Share 30 lollies between 10	2 3 4 5	
Share 20 sweets between 2	5 10 15 20	
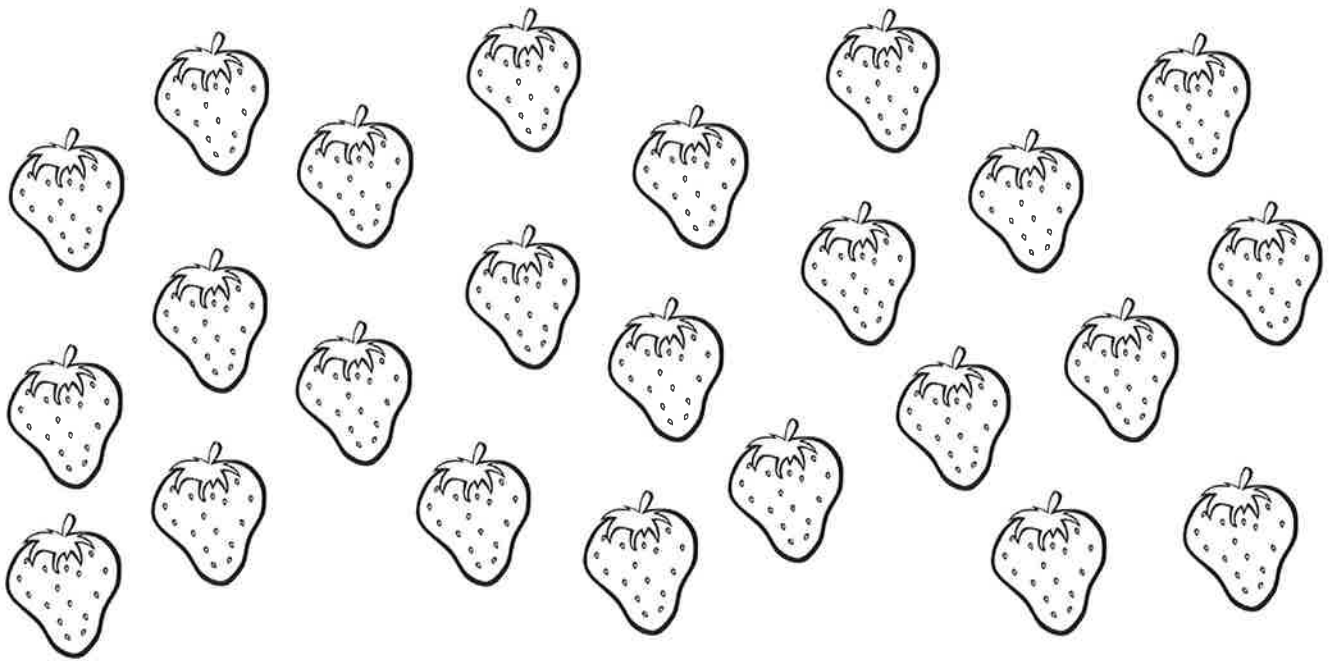
- Use different coloured pencils to group the strawberries in different ways.

How many sets of 2 strawberries can you make?

How many sets of 3 strawberries can you make?

How many sets of 4 strawberries can you make?

How many sets of 6 strawberries can you make?

How many sets of 8 strawberries can you make?

How many sets of 12 strawberries can you make?

How many sets of 24 strawberries can you make?

Name: **Date:**
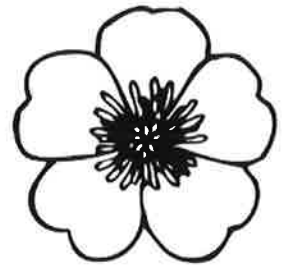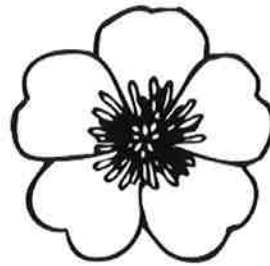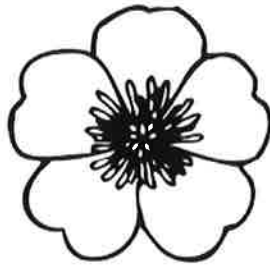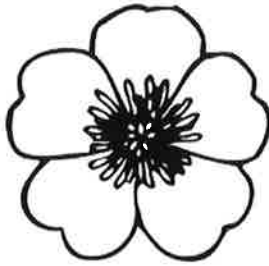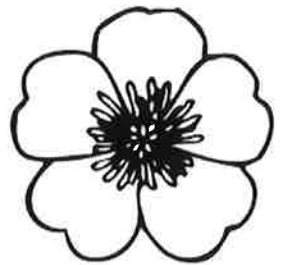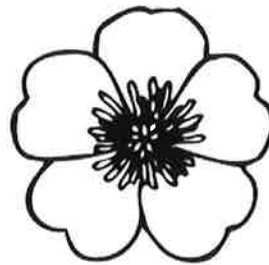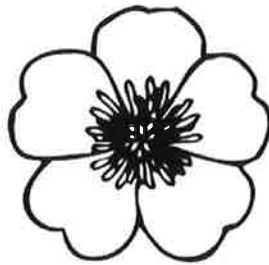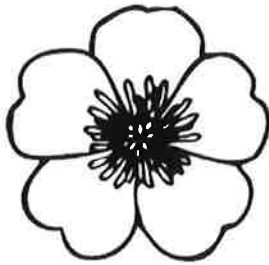
- Use different coloured pencils to group the flowers in different ways.

How many sets of 2 flowers can you make?

How many sets of 3 flowers can you make?

How many sets of 4 flowers can you make?
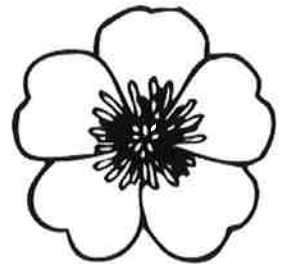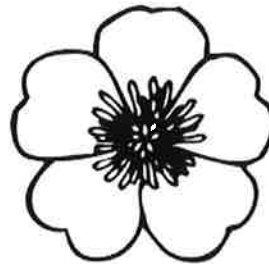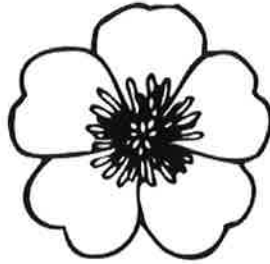
How many sets of 6 flowers can you make?
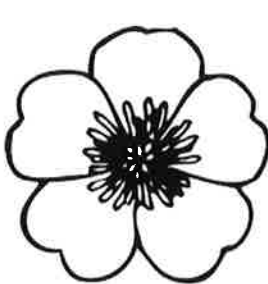
How many sets of 12 flowers can you make?

Odd and Even Numbers

Explain to your helper whether these numbers are odd or even. Use counters, coins or beads to help you. Try dividing each number by two and see what happens.

8 Odd or even? How do you know?

11 Odd or even? How do you know?

16 Odd or even? How do you know?

Click the odd numbers to turn them blue. Leave the even numbers grey. Talk to your helper about what patterns you notice.

1	2	3	4	5	6	7	8	9	10

13	14	15	16	17	18	19	20	21	22

29	28	27	26	25	24	23	22	21	20

Look at the 'ones' digit of all the odd numbers. What do you notice?

Look at the 'ones' digit of all the even numbers. What do you notice?

Odd Socks Activity for Odds and Evens

Count the socks and then pair them up. Is there an odd sock?

How many socks are there? ☐

Is there an odd one out?
yes   no

Is there an odd or even number of socks?
odd   even

How many socks are there? ☐

Is there an odd one out?
yes   no

Is there an odd or even number of socks?
odd   even

How many socks are there? ☐

Is there an odd one out?
yes   no

Is there an odd or even number of socks?
odd   even

How many socks are there? ☐

Is there an odd one out?
yes   no

Is there an odd or even number of socks?
odd   even

How many socks are there? ☐

Is there an odd one out?
yes   no

Is there an odd or even number of socks?
odd   even

Draw an **odd** number of socks.

Draw an **even** number of socks.