## Recall of facts

Learn and recall multiplication and division facts up to $12 \times 12$ and use place value to derive related facts
$6 \times 7=42 \quad 70 \times 6=420 \quad 42 \div 6=7$
$420 \div 6=7$ Divide 63 by 7
350 divided by 5
How many sixes in 54 ?
$108 \div 12$ - what is the quotient?
Continue to use the inverse relationship between x and $\div$
$8 \times 7=56 \quad 56=7 \times 8$
$56 \div 8=7 \quad 8=56 \div 7$
Relate division and fractions $\underline{1}$ of 56 is the same as $56 \div 8$ 8
3 of 56 is the same as $(56 \div 7) \times 3$ 7

| 56 |  |  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| $1 / 7$ | $1 / 7$ | $1 / 7$ | $1 / 7$ | $1 / 7$ | $1 / 7$ | $1 / 7$ |
| 8 | 8 | 8 | 8 | 8 | 8 | 8 |



Calculating including with measures
6 pens cost $£ 2.40$. How much does each pen cost?


Using knowledge of times tables, I know that $240 \div 6=40$ linked to $24 \div 6$

Therefore $£ 2.40 \div 6=40$ p for each pen.

Use the inverse operation to check $40 p \times 6=£ 2.40$

How many rectangles can you draw with an area of $36 \mathrm{~cm}^{2}$ ?
Mark is doing a sponsored silence. He says, "If I am silent for five hours at 10p per minute I will raise 50 pounds." Is he correct? Prove it

## Use the correct vocabulary

multiple, multiply, array, tables, times, product, twice, double, repeated addition, factor
divide, divisible by, divided into, quotient, divisor, remainder


## Fractions and decimals

 Counting in tenths $\underline{1} 0.1$ and hundredths $\underline{1} 0.01$Partition numbers for division by using factors
$161 \div 7$ - partition 159 into 140 and 21

Use times tables knowledge to know that 140 is divisible by $7-20 \times 7$

21 is divisible by $7-3 \times 7$

$$
10
$$

100
0

## Scaling - linking $x$ and :

For every flower, there are 6 leaves
Flower


