

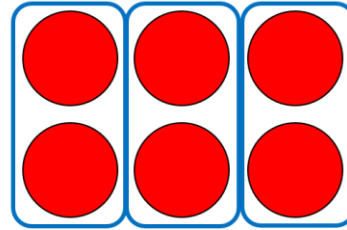
# Year 4 Blackbirds

## Maths

### Spring 1



What is a factor?



2 rows of 3 are equal to 6

3 columns of 2 are equal to 6

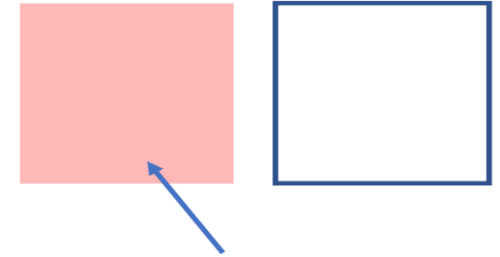
$$2 \times 3 = 6$$

factor      product

$$3 \times 2 = 6$$

factor      product

Area is the amount of space taken up by a closed 2D shape



### Multiply Using Formal Written Methods

Th	H	T	O
	5	4	3
×			4
		1	2
	1	6	0
2	0	0	0

Th	H	T	O
	5	4	3
×			4
2	1	7	2

Remember to move any regrouped numbers into the next column. After the next multiplication, add the regrouped number to the answer.

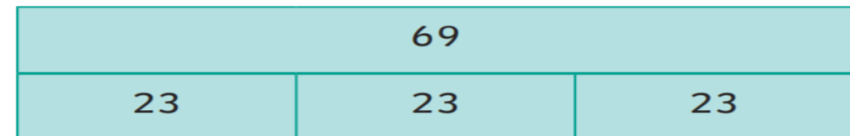
There are 69 tennis balls packed in tubes of 3.

There are 23 tubes altogether.

Formal methods of division

$$69 \div 3 = 23$$

$$3 \overline{) 69} \begin{array}{r} 23 \\ \underline{69} \\ 0 \end{array}$$



### Key Vocabulary

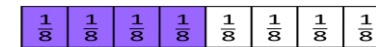
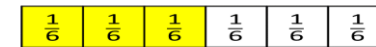
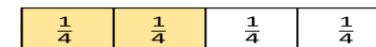
**Multiplication**- adding a number to itself a certain number of times.

**Division**- Sharing or grouping a number between another number.

**Factors**- a number that divides into another number exactly, without leaving a remainder.

**Correspondence Problems**- Problems where you must find all possible combinations of objects in a set or more than one set.

### Equivalent Fractions



$$\frac{1}{2} = \frac{2}{4} = \frac{3}{6} = \frac{4}{8}$$