

## First Level Maths

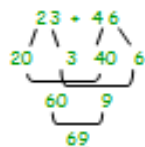
11th January 2021

**Maths Homework Option Grids** - find them on the blog First Level page.

Pick 2 or 3 options everyday and improve your skills.

10 mins a day will make all the difference!!

### Adding 2 digit numbers using partitioning



### Subtracting 2 digit numbers using partitioning

$$\begin{array}{r} 36 - 12 \\ 10 \quad 2 \\ 36 - 10 = 26 \\ 26 - 2 = 24 \end{array}$$

\*Tip - Only partition the second number when subtracting

### Rusty on Partitioning?

Try partitioning these numbers first...

23      67      89      12      45      80

345      298      123      567      456

Now try these add and takeaway questions using partitioning:

45 + 34      34 + 32      83 + 23      43 + 13

56 - 34      32 - 12      98 - 56      76 - 24

39 + 50      17 + 12      87 - 23      54 - 23

**Hot Chilli: 160 + 37      999 - 33      499 - 274      723 + 145**

Now design some questions of your own. Post them on the blog and you can tell us if we get the correct answers.

Ask parents to set you some new questions each day and get these skills super sharp.

**Fractions**— we're going to work on fractions over the next few weeks. Let's get started...



Half of an Orange



Half of an circle

**Half it:** Go around the house and garden - find as many things as you can to half.

*Half an apple*

*Half a piece of paper*

*Half a cup of juice*

Make sure both halves are equal.



**Quarter it:** Now look for things you can quarter - divide equally into 4 pieces.

*Quarter a pizza*

*Quarter an orange*

*Quarter sandwich*

Be accurate!

Take pictures of your fractions and add them to the blog.

Now try the fractions activities on page 3.

### Times Tables

Choose a table that you are working on and try the mixed up questions on the next page. Write your answers on your whiteboard and once you are finished make sure to mark it so that you know how many you got correct (you might need somebody to help you with this). Could you set a timer and see how long it takes you? If you do it a few times you could try and beat your previous score and your previous time!

### Times Tables

#### Multiplication Dice Game:

1. Roll a pair of dice.
2. Multiply your 2 numbers.
3. Colour your answer on the grid.
4. First person to colour 4 in a row wins!

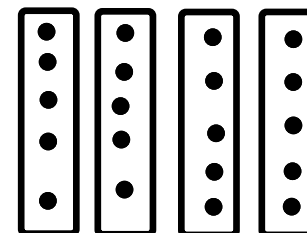
|    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|
| 18 | 12 | 24 | 8  | 10 | 24 | 6  | 15 |
| 36 | 30 | 12 | 9  | 2  | 5  | 4  | 18 |
| 4  | 24 | 4  | 8  | 6  | 8  | 15 | 3  |
| 10 | 12 | 25 | 15 | 20 | 6  | 16 | 8  |
| 36 | 12 | 12 | 30 | 5  | 12 | 5  | 30 |
| 10 | 25 | 1  | 9  | 5  | 6  | 10 | 20 |
| 18 | 20 | 9  | 10 | 16 | 15 | 4  | 3  |
| 1  | 30 | 4  | 20 | 2  | 3  | 6  | 15 |

#### Finding it tricky?!

You can draw out your multiplication into groups.



$$4 \times 5 =$$

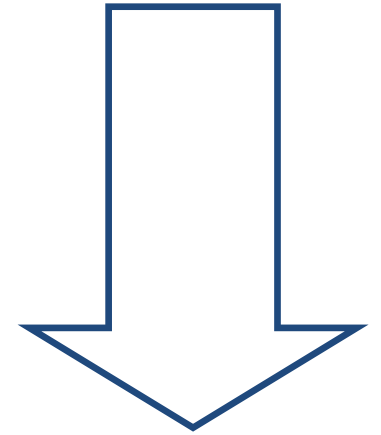
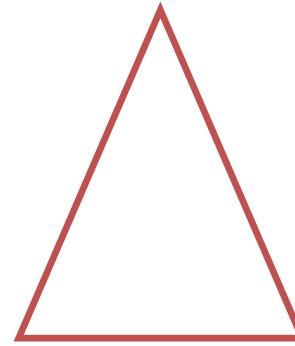
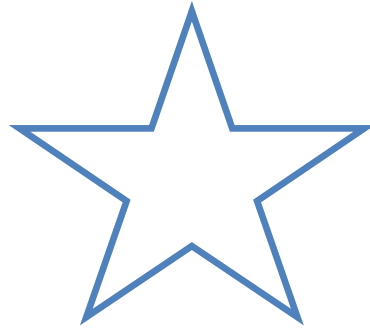


Then count in 5s.

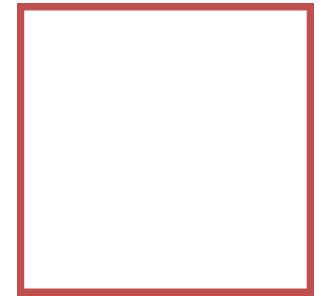
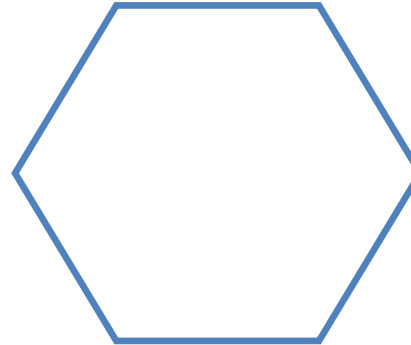
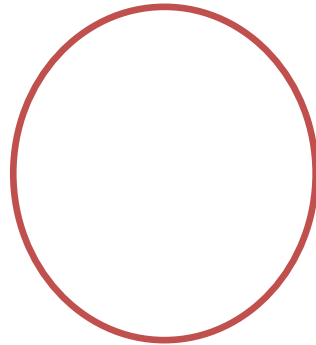
## Mixed Up Times Tables

| 2 Times Table | 3 Times Table | 4 Times Table | 5 Times Table | 6 Times Table | 7 Times Table | 8 Times Table | 9 Times Table | 10 Times Table |
|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|
| 2x5=          | 3x7=          | 4x1=          | 3x5=          | 6x3=          | 7x7=          | 8x8=          | 9x3=          | 10x1=          |
| 2x9=          | 9x3=          | 4x10=         | 5x3=          | 6x1=          | 5x7=          | 1x8=          | 9x1=          | 5x10=          |
| 2x4=          | 2x2=          | 5x4=          | 5x10=         | 1x6=          | 7x8=          | 8x7=          | 2x9=          | 10x6=          |
| 2x1=          | 2x3=          | 4x6=          | 1x5=          | 6x10=         | 7x1=          | 2x8=          | 9x12=         | 2x10=          |
| 3x2=          | 3x6=          | 12x4=         | 5x11=         | 5x6=          | 3x7=          | 8x1=          | 9x2=          | 10x10=         |
| 2x10=         | 3x12=         | 4x2=          | 5x1=          | 2x6=          | 7x6=          | 8x12=         | 4x9=          | 6x10=          |
| 2x7=          | 3x8=          | 3x4=          | 10x5=         | 6x9=          | 10x7=         | 5x8=          | 9x9=          | 10x2=          |
| 10x2=         | 3x1=          | 4x9=          | 5x9=          | 6x6=          | 7x9=          | 8x9=          | 5x9=          | 10x10=         |
| 2x11=         | 3x3=          | 4x4=          | 5x5=          | 6x2=          | 7x2=          | 8x8=          | 9x11=         | 10x5=          |
| 5x2=          | 1x3=          | 4x11=         | 9x5=          | 8x6=          | 8x7=          | 8x2=          | 9x4=          | 4x10=          |
| 2x2=          | 3x5=          | 4x3=          | 4x5=          | 10x6=         | 7x5=          | 10x8=         | 3x9=          | 10x9=          |
| 1x2=          | 4x3=          | 6x4=          | 5x12=         | 6x4=          | 7x7=          | 8x5=          | 9x10=         | 7x10=          |
| 2x8=          | 10x3=         | 9x4=          | 5x2=          | 9x6=          | 6x7=          | 8x11=         | 9x6=          | 10x4=          |
| 7x2=          | 3x9=          | 4x7=          | 5x8=          | 6x8=          | 7x3=          | 8x3=          | 9x8=          | 10x12=         |
| 2x2=          | 3x2=          | 3x4=          | 6x5=          | 6x12=         | 7x10=         | 2x8=          | 10x9=         | 12x10=         |
| 2x3=          | 5x3=          | 4x4=          | 5x5=          | 6x5=          | 11x7=         | 11x8=         | 9x5=          | 10x7=          |
| 9x2=          | 3x11=         | 4x12=         | 5x4=          | 6x6=          | 7x4=          | 8x4=          | 12x9=         | 8x10=          |
| 8x2=          | 8x3=          | 10x4=         | 7x5=          | 11x6=         | 7x7=          | 3x8=          | 5x9=          | 10x3=          |
| 2x6=          | 3x4=          | 4x5=          | 5x6=          | 6x7=          | 7x11=         | 8x6=          | 9x7=          | 10x11=         |
| 2x12=         | 3x10=         | 4x8=          | 5x7=          | 6x11=         | 7x12=         | 8x10=         | 9x9=          | 10x8=          |

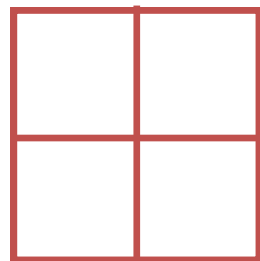
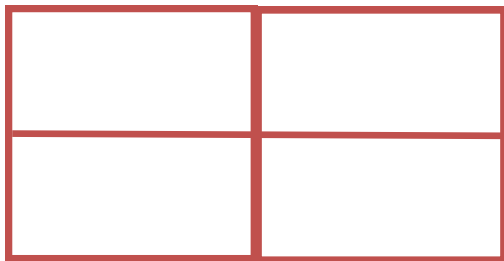
Colour Half



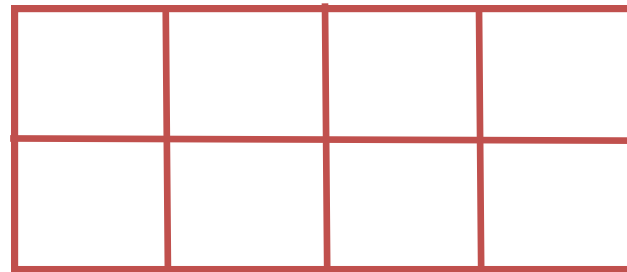
Colour a quarter



Colour Half



Colour a quarter



Draw your own chocolate bars and colour in a half or a quarter.