

First Level Numeracy

Week Beginning: 25th January

PARTIONING (bridging 10)

Watch the wee film...

How can partitioning help me add two digit numbers?

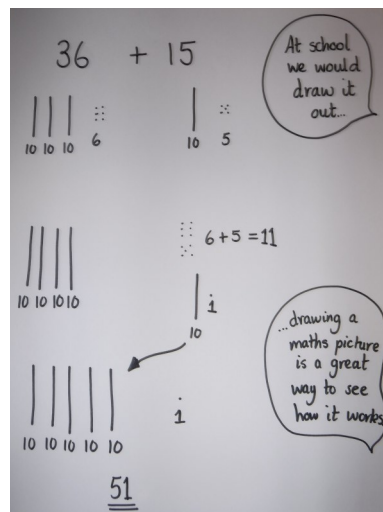
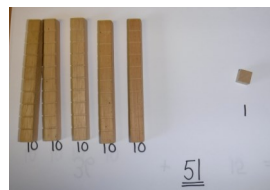
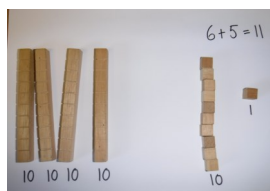
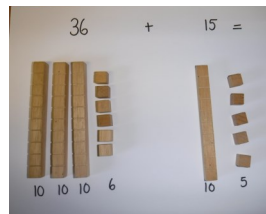
<https://www.bbc.co.uk/bitesize/articles/zfvdt39>

Now try adding these...

$$15 + 18 \quad 11 + 19 \quad 12 + 19 \quad 16 + 16$$

$$19 + 15 \quad 18 + 18 \quad 17 + 14 \quad 18 + 17$$

By partitioning into tens and units we can add more easily...



Now try the questions on page 2. Take a photo of your whiteboard or paper and show us how you got on.

Shake the rust off!

Roll two dice **add** them together.

Roll the two dice again. Add them to the first answer.

Keep going until you reach 100.



This game is a favourite in the childcare hub. Be sure to try it at home too!

Want it a wee bit easier? Just roll and add one dice onto the first answer

$$\begin{array}{|c|c|} \hline \bullet \bullet \\ \hline \bullet \bullet \end{array} = 9$$

Great for your mental agility.

$$9 + \begin{array}{|c|} \hline \bullet \bullet \\ \hline \end{array} = 12$$

Try competing against a family member!

$$12 + \begin{array}{|c|c|} \hline \bullet \bullet \\ \hline \bullet \bullet \end{array} = 18...$$

Winner gets out of doing the dishes!

You have 100 points. Roll the dice and take the number away. Play until you get to 0

$$\begin{array}{|c|c|} \hline \bullet \bullet \\ \hline \bullet \bullet \end{array} \begin{array}{|c|} \hline \bullet \\ \hline \bullet \end{array} 100 - 8 = 92$$

$$\begin{array}{|c|c|} \hline \bullet \bullet \\ \hline \bullet \bullet \end{array} \begin{array}{|c|} \hline \bullet \bullet \\ \hline \end{array} 92 - 7 =$$

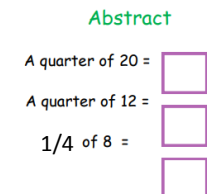
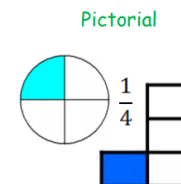
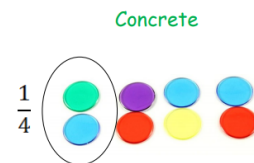
Need to borrow some dice? Give us a call.

New Word Problems on Page 5.

Draw to solve!!

Week 3: Fractions (Please complete week 1 and 2 before starting)

Recognise, find and name a quarter as one of four equal parts of an object, shape or quantity.



Concrete: Layout buttons, counters or pasta shapes.

Layout 4 buttons— share them out equally between 4 people. How many each?

Layout 8 buttons - share them out equally between 4 people.

Now try the examples on page 3 .

Pictorial: Colour a quarter - page 4

Abstract: try these examples on your whiteboard...

A quarter of 12 = $\frac{1}{4}$ of 8 = A quarter of 24 =

$\frac{1}{4}$ of 4 = $\frac{1}{4}$ of 16 = A quarter of 40 =

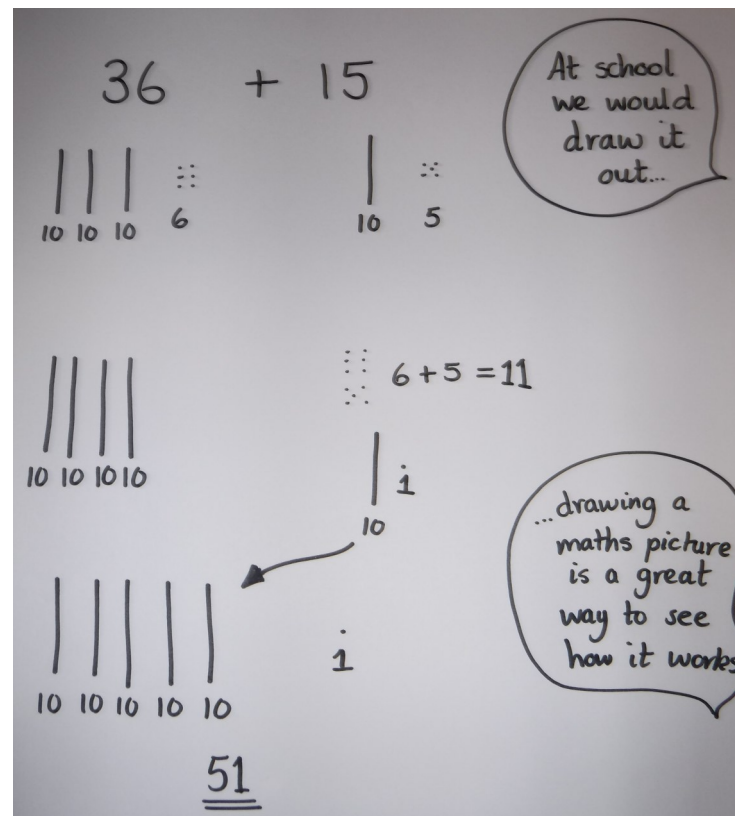
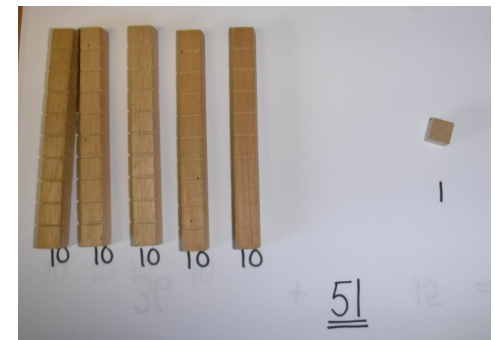
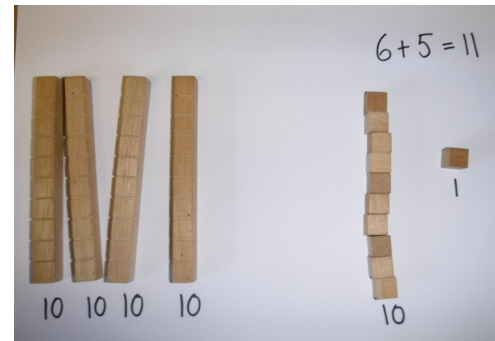
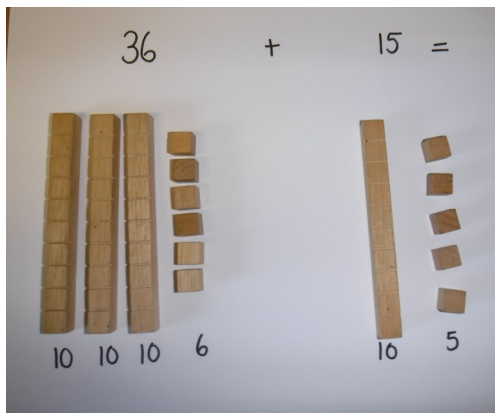
A quarter of 28 = $\frac{1}{4}$ of 48 = $\frac{1}{4}$ of 400 =

$\frac{1}{4}$ of 32 = A quarter of 100 =

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!!



$25 + 27$

$32 + 39$

$45 + 39$

$25 + 47$

$56 + 38$

$34 + 47$

$29 + 39$

$77 + 15$

$39 + 32$

$58 + 15$

$57 + 29$

$23 + 29$

$56 + 45$

$73 + 17$

$36 + 44$

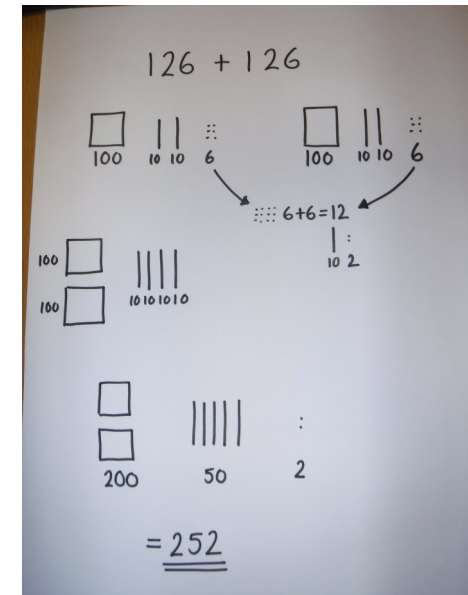
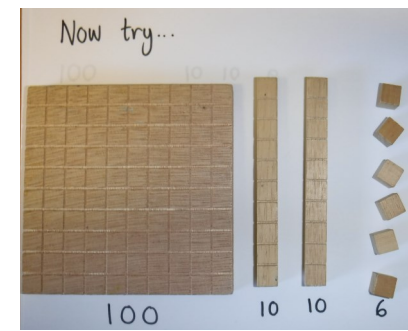
$59 + 11$

$34 + 38$

$65 + 17$

$13 + 19$

$71 + 19$



$251 + 329$

$128 + 115$

$429 + 145$

$222 + 238$

$145 + 117$

$227 + 234$

$239 + 245$

$324 + 367$

$234 + 238$

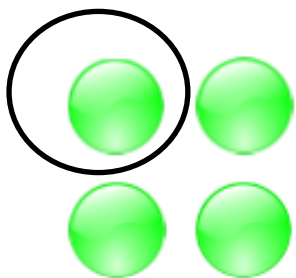
$276 + 223$

$436 + 325$

$167 + 118$

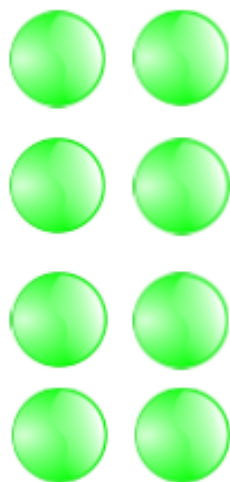
REMEMBER: You can use your chimney sum strategy if you know it!

Circle one quarter



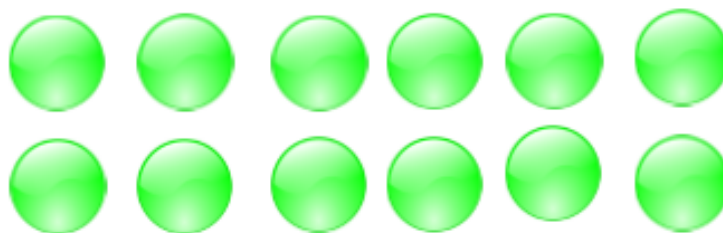
One quarter of 4 =

$\frac{1}{4}$ of 4 =



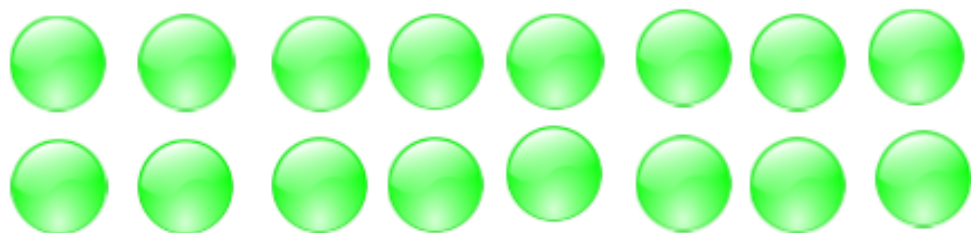
One quarter of 8 =

$\frac{1}{4}$ of 8 =



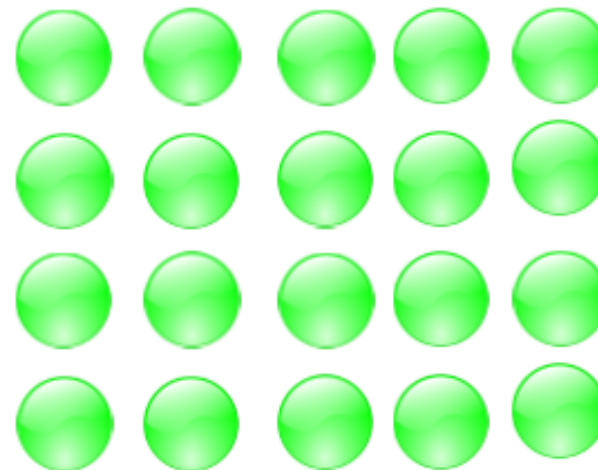
One quarter of 12 =

$\frac{1}{4}$ of 12 =



One quarter of 16 =

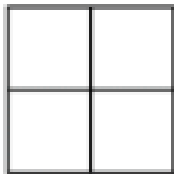
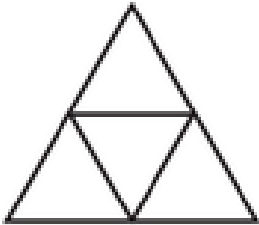
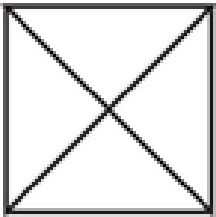
$\frac{1}{4}$ of 16 =



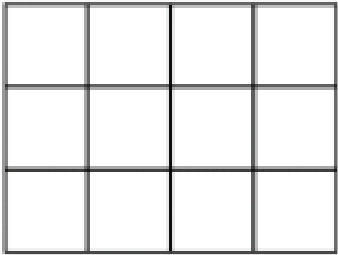
One quarter of 20 =

$\frac{1}{4}$ of 20 =

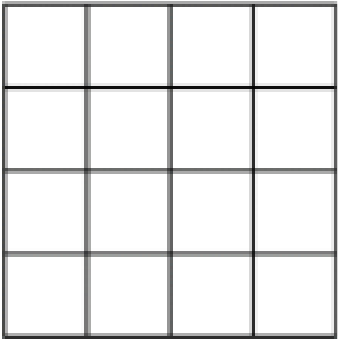
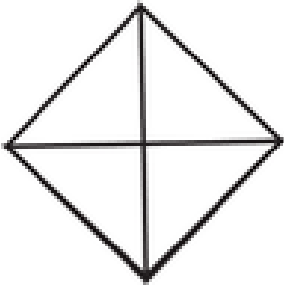
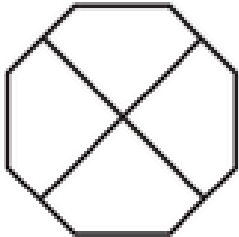
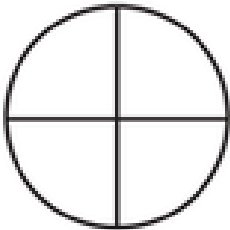
Colour a Quarter



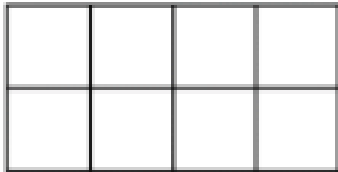
Quarter of 4 is ____



Quarter of 12 is ____

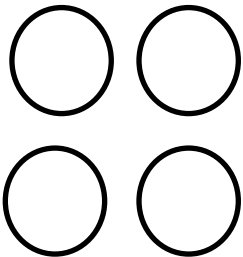


Quarter of 16 is ____

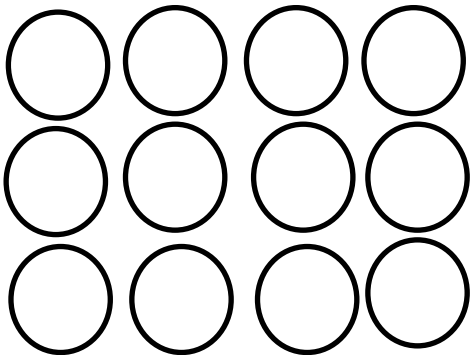


Quarter of 8 is ____

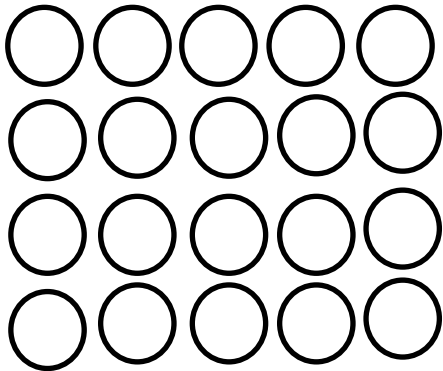
Colour a quarter



Colour a quarter

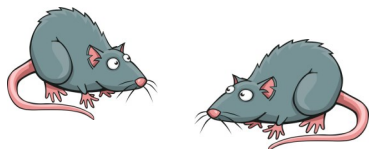


Colour a quarter



Carson has 24 rats, 4 escape and the next day 12 babies are born.

How many rats does Carson have now?



9 children in the class went out for playtime. They wore their gloves.

Freddie and Findlay each lost a glove outside.

How many gloves did the children bring back in after break?



Mena baked 112 cookies. She kept 16 at home for her family and then shared the rest evenly with her 8 friends.

How many cookies did each friend get?



At Gala day Lottie, Erin and Abigail run an ice cream stall. It costs 50p for a cone.

How much would it cost for 3 cones?

How much would it cost for 5 cones?

It cost Miss Dale £3.50 at the ice cream stand.

How many cones did she buy?



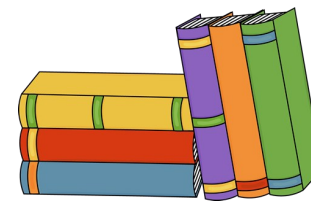
Can you write a Hollywood word problem for us to solve?

What will Mrs Moore be doing?

Can you write a water slide problem?

Blog it and see if one of the staff team can solve it!!

Mrs Jardine has asked everyone in P4/5 to read 3 books each. If there are 21 children in the class, how many books will be read?



If she asked everyone in school (including the staff) to read 3 books each. How many would that be altogether?

Clue: 63 pupils