

MATHS WORKSHOP
MRS KHOSA
MISS PATEL

Year 1

AREAS OF LEARNING

- Number and Place Value
- Adding
- Subtracting
- Missing number problems
- Multiplication
- Division
- Fractions

AREAS OF LEARNING

- Measures
- Money
- Time
- Shape
- Position and Direction

NUMBER AND PLACE VALUE

-To be able to count to and across 100, forwards and backwards beginning with 0 or 1 from any given number.

-Count, read and write numbers to 100 in numerals; count in multiples of twos, fives and tens.

What number comes after 11? ____

What number comes before 34? ____

Can you count to 100 from 34? ____

Can you count backwards from 53? ____

-To identify one more/ one less a given number.

What is one more than 67? ____

What is one less than 49? ____

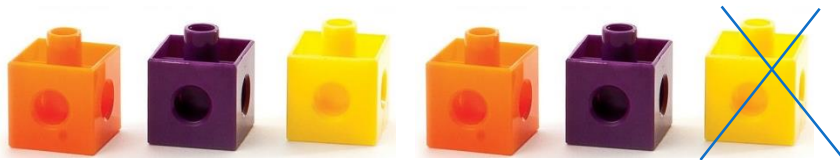
| | | | | | | | | | |
|----|----|----|----|----|----|----|----|----|-----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 |
| 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 |
| 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 |
| 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 |
| 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 |
| 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 |
| 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 |
| 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |

ADDITION AND SUBTRACTION

-Read, write and interpret mathematical statements involving addition, subtraction and equal signs.



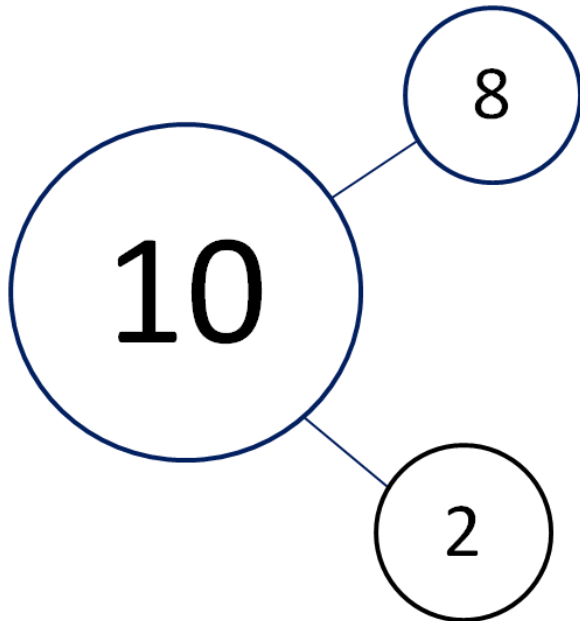
$$\underline{\hspace{2cm}} + \underline{\hspace{2cm}} =$$



$$6 - 1 = 5$$

ADDITION AND SUBTRACTION

-Represent and use number bonds and related subtraction facts within 20.

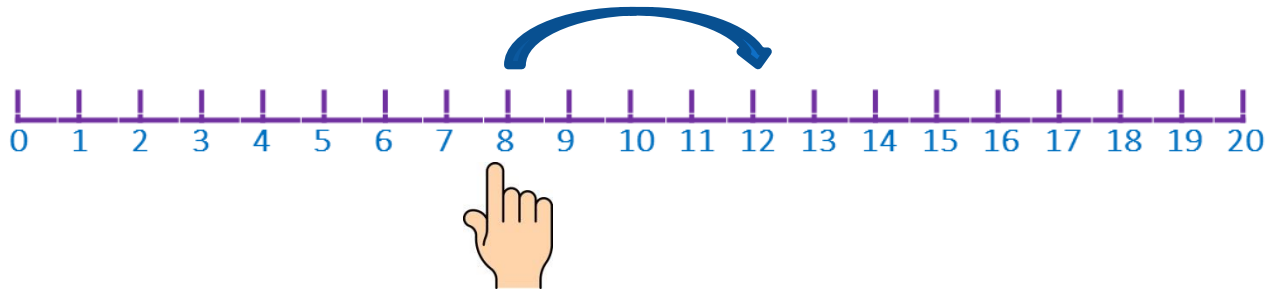
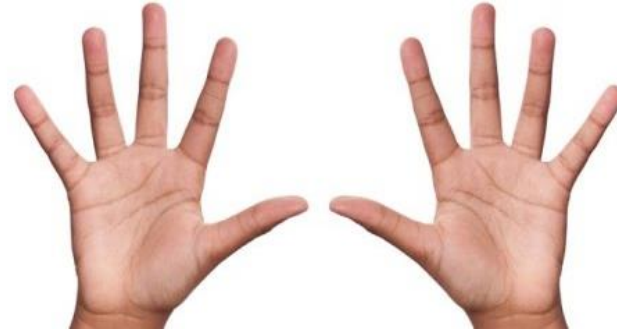


$8 + 2 = 10$ Therefore I know that $10 - 2 = 8$

ADDITION

-Solve one step problems that involve addition and subtraction using concrete objects and pictorial representations.

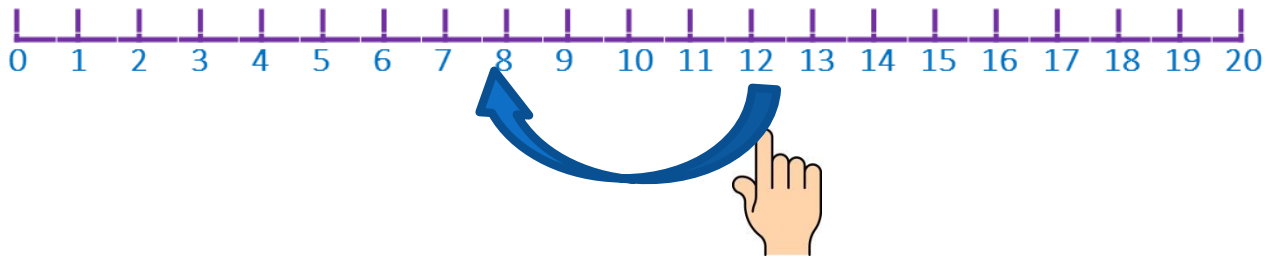
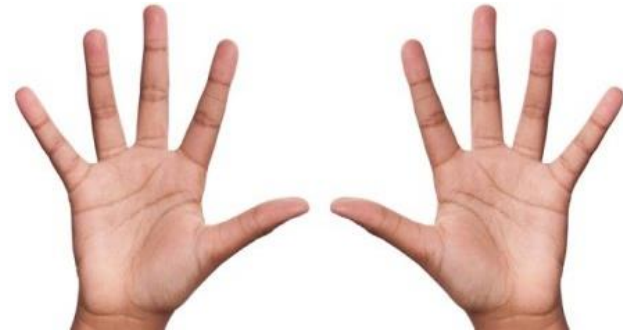
$$8 + 4 =$$



SUBTRACTION

-Solve one step problems that involve addition and subtraction using concrete objects and pictorial representations.

$$12 - 4 =$$



ADDITION AND SUBTRACTION

Missing number problems

$$1 + \square = 10$$

Count on from 1 until you get to 10

$$10 - \square = 6$$

Count back from 10 until you get to 6

$$\square + 7 = 10$$

Count on from 7 until you get to 10



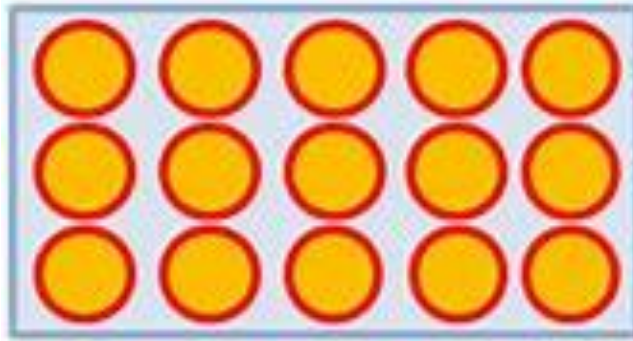
$$7 + \underline{\quad} = 10$$

MULTIPLICATION

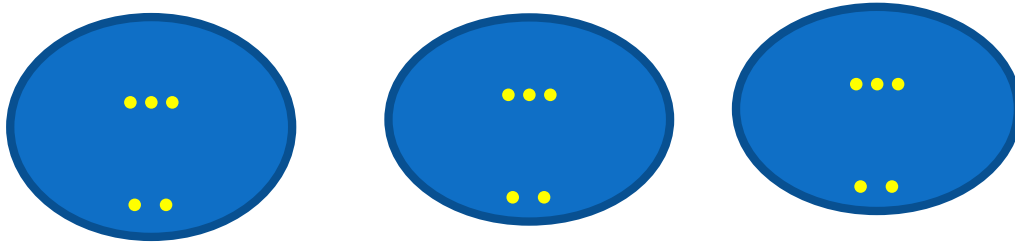
-Solve one step problems involving multiplication and division, by calculation the answer using concrete objects, pictorial representations and arrays

$$3 \times 5 =$$

What is 5×3 ?



Grouping



DIVISION

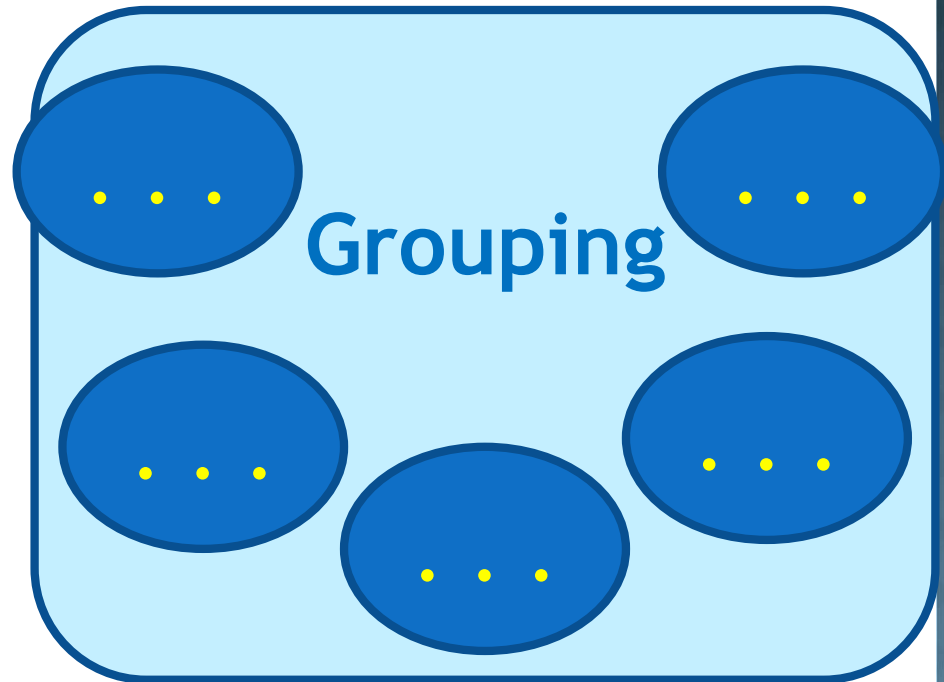
-Solve one step problems involving multiplication and division, by calculation the answer using concrete objects, pictorial representations and arrays

Division

$$15 \div 5 =$$

$$10 \div 2 =$$

$$8 \div 2 =$$



FRACTIONS

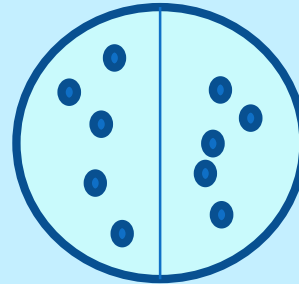
To recognise, find and name a half (as one of two equal parts) and quarters (as four equal parts) of an object, shape or quantity.

Fractions

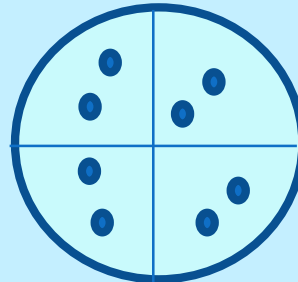
$\frac{1}{2}$ of 4 =

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

$\frac{1}{2}$ of 10: Make 2 groups and share 10 - count one of the groups.

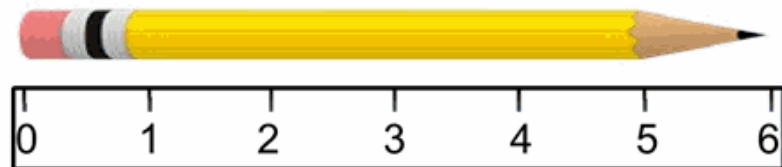
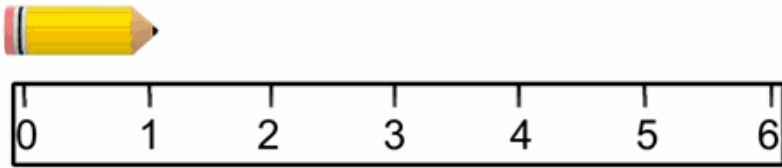
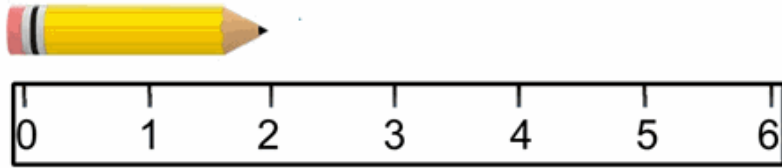
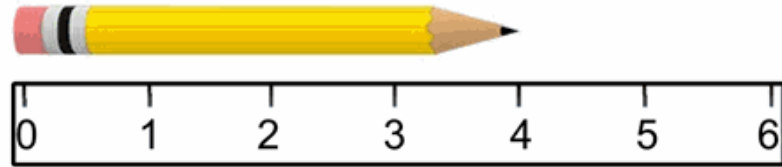


$\frac{1}{4}$ of 8: Make 4 groups and share 8 - count one of the groups.



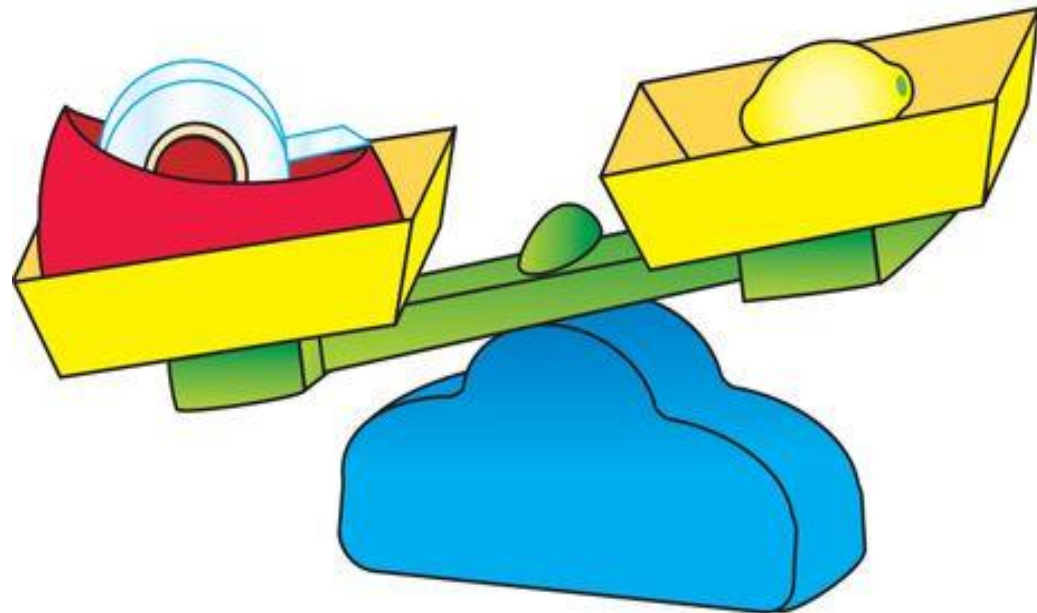
MEASUREMENT

-Compare , describe and solve practical problems for lengths and heights.



MEASUREMENT


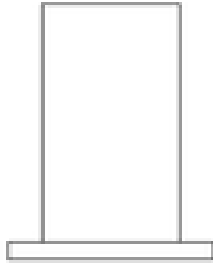

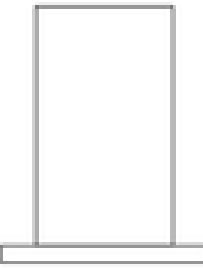
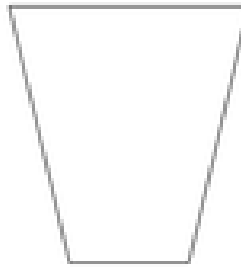
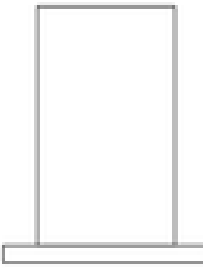
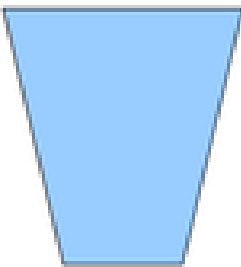
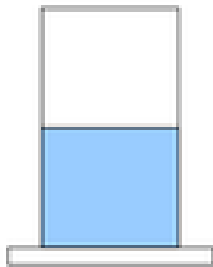
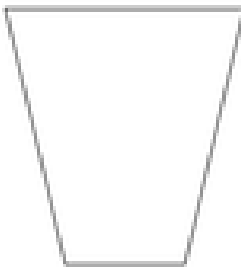
-Compare , describe and solve practical problems for weight and mass.



Draw the correct amount of liquid in each container.

MEASUREMENT

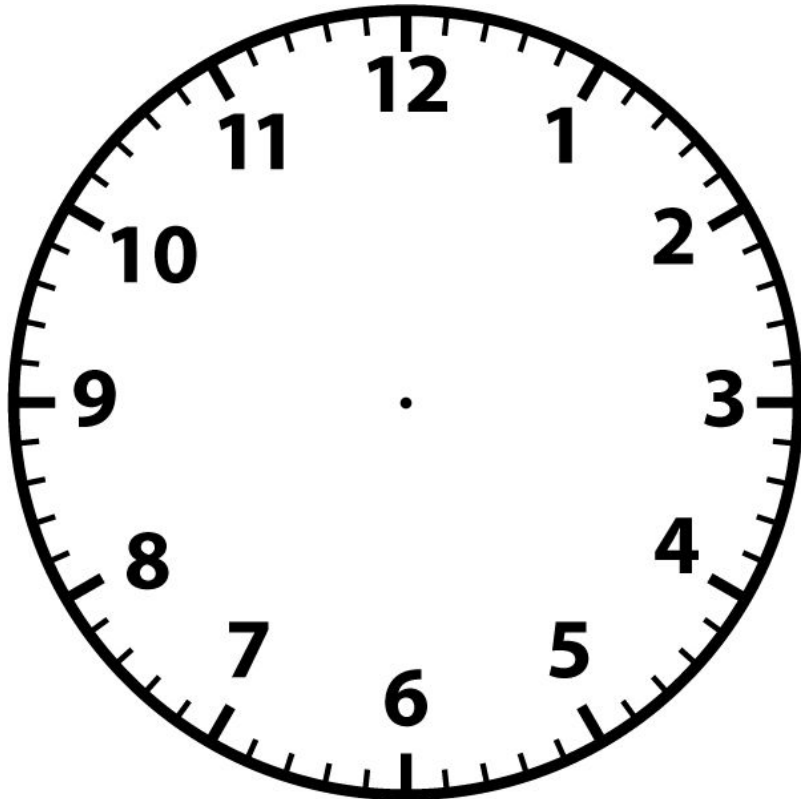
-Compare , describe and solve practical problems for capacity and volume.

| | | |
|--|--|--|
|  <p>half full</p> |  <p>full</p> |  <p>empty</p> |
|  <p>full</p> |  <p>empty</p> |  <p>half full</p> |
|  <input data-bbox="879 1292 1168 1363" type="text"/> |  <input data-bbox="1207 1292 1516 1363" type="text"/> |  <input data-bbox="1555 1292 1845 1363" type="text"/> |

TIME

-Tell the time to the hour and half past the hour and draw the hands on a clock face to show these times.

Draw the hands on the clock to show the time 2 o'clock.



Short hand points at the hour and the long hand points at the minute.

MONEY

-To recognise and know the values of different denominations of coins.



MONEY



How many different ways can you make 20p?

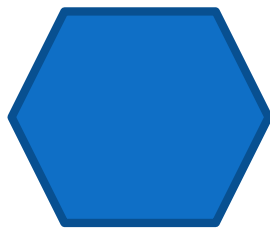
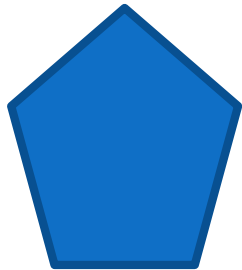
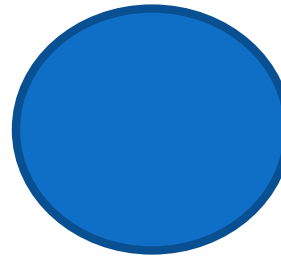
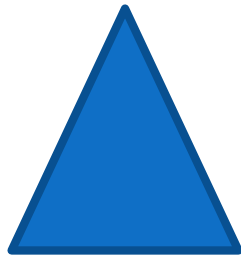
$$10p + 10p$$

$$5p + 5p + 5p + 5p$$

SHAPE

-To recognise and name common 2D and 3D shapes.

Tick the shape that is a pentagon.

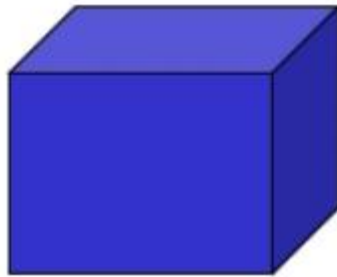
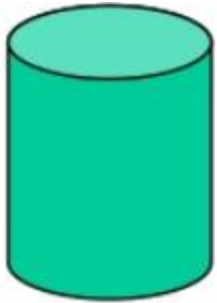


Understanding
that a pentagon
has 5 sides.

SHAPE

-To recognise and name common 2D and 3D shapes.

What is the name of the blue shape?.



It is a cube
because it has 6
faces.



POSITION AND DIRECTION

-To describe position, direction and movement.

Left

Right

Forwards

Backwards

Clockwise

Anti-clockwise

Quarter turn

Half turn

Full turn

Position

Direction

MANGA HIGH HOMEWORK

- Pupils should be doing manga high activities 2-3 times weekly.
- This should be for approximately 15-20mins
- Maths Calculation Policy can be found on school website.

THANK YOU FOR COMING!

Any Questions?

Please complete the survey

