



KS1 Maths Workshop

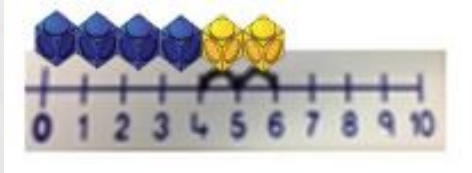
Friday 18th January, 2019



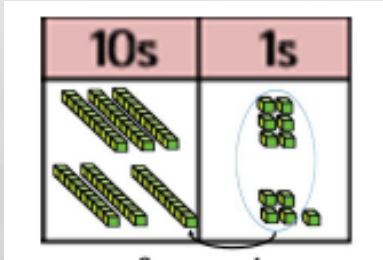
ADDITION

CONCRETE

COUNTING OBJECTS

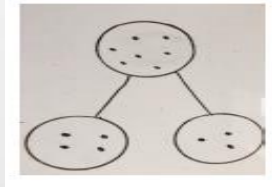


PARTITIONING (2 DIGIT NUMBER)

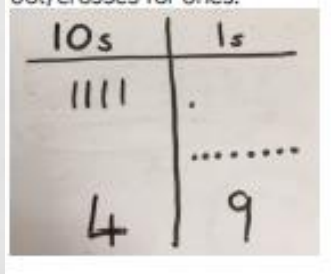


PICTORIAL

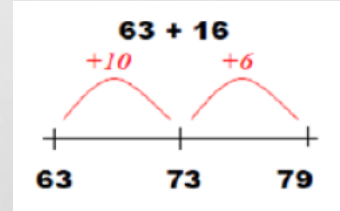
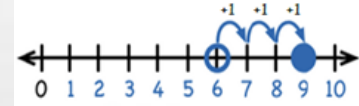
DOTS



DIENNES



ABSTRACT



THERE WERE 12 CHILDREN IN THE CLASS, 21 MORE CAME. HOW MANY CHILDREN ARE THERE NOW?

CONCRETE

PICTORIAL

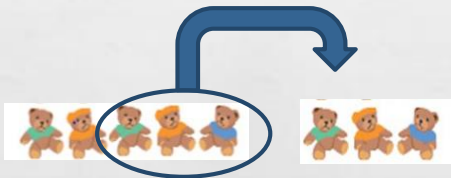
ABSTRACT



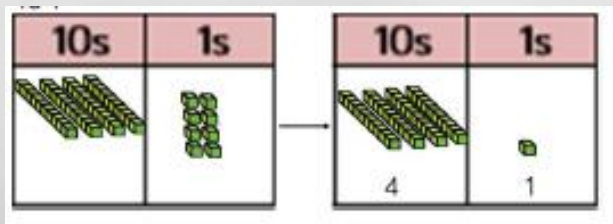
SUBTRACTION

CONCRETE

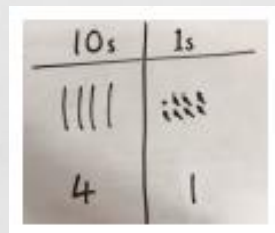
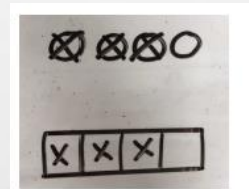
COUNTING OBJECTS



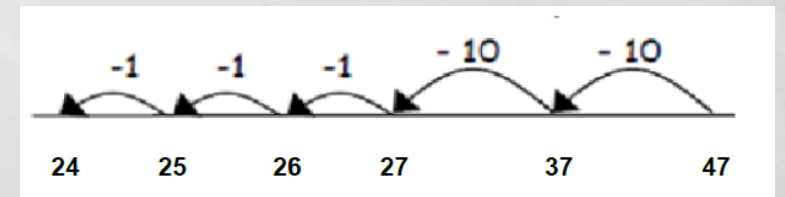
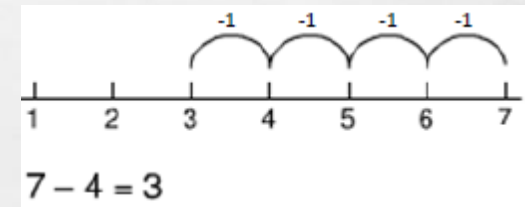
PARTITIONING (2 DIGIT NUMBER)



PICTORIAL



ABSTRACT



THERE WERE 27 CHILDREN IN THE CLASS, 5 LEFT. HOW MANY CHILDREN ARE THERE NOW?

CONCRETE

PICTORIAL

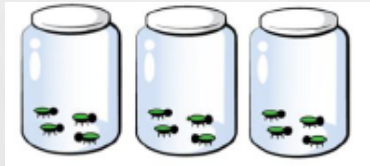
ABSTRACT



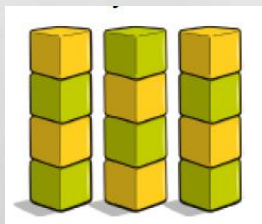
MULTIPLICATION

CONCRETE

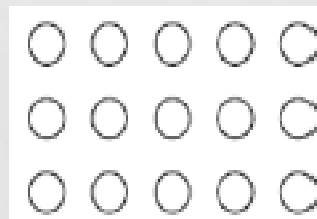
COUNT IN GROUPS



ARRAYS



PICTORIAL

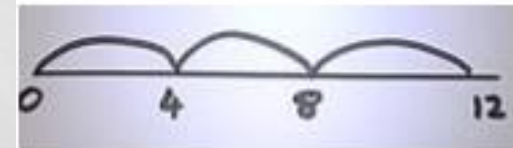


ABSTRACT

$$3 \times 4 = 12$$

$$4 + 4 + 4 = 12$$

$$3 \times 4 = 12$$



JOHN MAKES TWO TRAYS OF COOKIES. THERE ARE FIVE COOKIES ON EACH TRAY. HOW MANY COOKS DID HE MAKE ALTOGETHER?

CONCRETE

PICTORIAL

ABSTRACT



DIVISION

CONCRETE

Grouping:

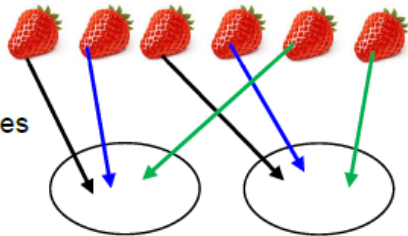
There are 6 strawberries, how many people can have 2 strawberries each?



3 people

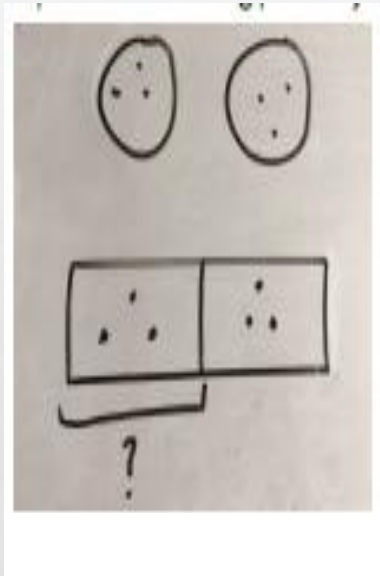
Sharing:

There are 6 strawberries shared between 2 people, how many do they each get?



3 strawberries

PICTORIAL



ABSTRACT

$$6 \div 2 = 3$$

3	3
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Children should also be encouraged to use their 2 times tables facts.

**MARY HAS 12 SWEETS. SHE WANTS TO SHARE THEM WITH ANDY AND JO.
HOW MANY SWEETS DOES EACH ONE GET?**

CONCRETE

PICTORIAL

ABSTRACT



USEFUL WEBSITES:

[HTTPS://WWW.TOPMARKS.CO.UK/](https://www.topmarks.co.uk/)

[HTTPS://WWW.BBC.COM/BITESIZE/TOPICS/ZWV39J6](https://www.bbc.com/bitesize/topics/zwv39j6) (BBC BITESIZE KS1 MATHS)

[HTTP://MATHSZONE.CO.UK/](http://mathszone.co.uk/)

[HTTPS://WWW.OXFORDOWL.CO.UK/FOR-HOME/KIDS-ACTIVITIES/FUN-MATHS-GAMES-AND-ACTIVITIES/](https://www.oxfordowl.co.uk/for-home/kids-activities/fun-maths-games-and-activities/) (OXFORD OWL)

