

Maths Challenges

Monday

Doughnuts are sold in a box of 10. Two doughnuts are given to each person. How many people can be fed?

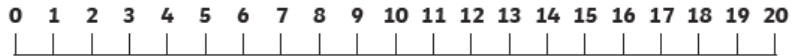
There are ____ doughnuts.

There are ____ doughnuts for each person.

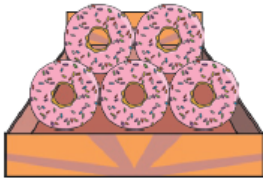
The box will feed ____ people.



Use a number line to calculate how many groups of 5 can be made from 20.

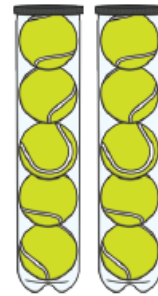


Put 15 doughnuts into groups of 5. Show this grouping on a number line.

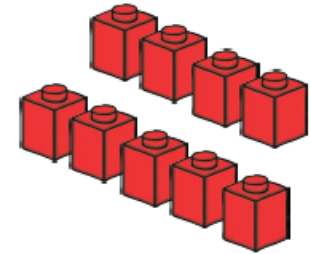
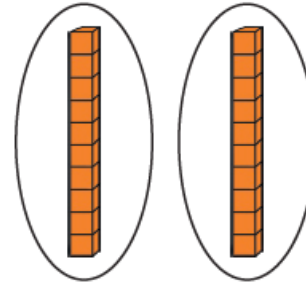
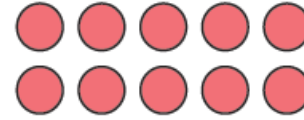


Tuesday

Which of these pictures match the calculation?

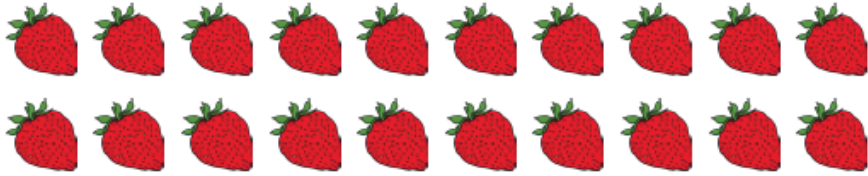


$$10 \div 5$$



Can you think of other ways to represent this calculation either with equipment or by drawing?

Wednesday



Noah had these strawberries to share with his 10 friends. Molly had the same number of strawberries to share with her 5 friends.

Whose friends will get the most strawberries?

How do you know?

Prove it and write a calculation for each one.



Use these pictures to write another problem for your friend to solve. Remember the sweets will need to be shared equally.

Friday

Solve these problems.

Two children sit at each table.
How many tables do I need for
20 children?



John has 18p in 2p coins. How
many 2p coins does he have?



I put 2 sausages on each plate.
I have 12 sausages. How many
plates do I need?



How many groups of 2 can I make with 14?

How many 2s are there in 16?