
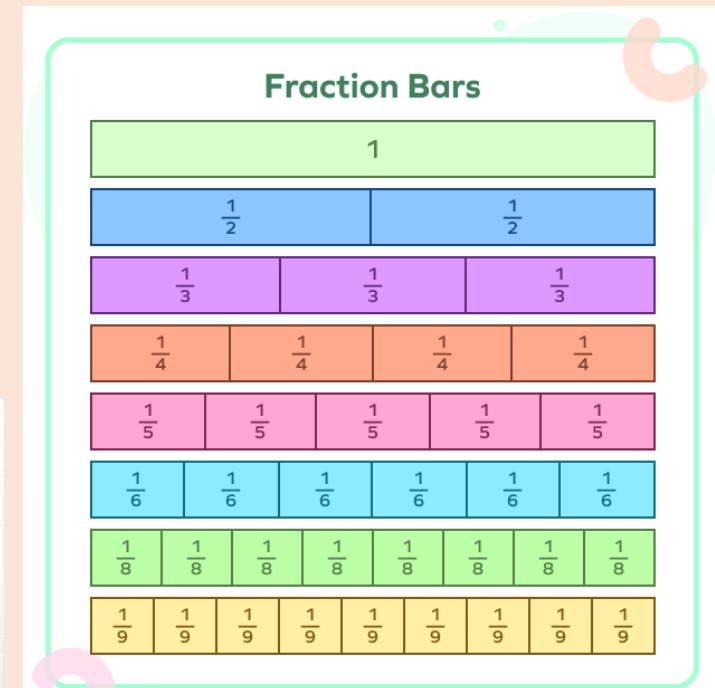


How do we support children in maths?

- Use of manipulatives
 - Visual support
 - Modelled examples
 - Small group support
 - 1:1 support
 - Interventions
 - Homework
 - TTR
- 
- An hourglass with red sand and red caps, sitting on a white surface. Below it are several US dollar bills and coins, including a \$100 bill, a \$20 bill, a \$10 bill, a \$5 bill, and various coins, arranged in a row.



How do we challenge children in maths?

- **Multi-concept** and **multi-step problems**
- Stem sentences for developing mathematical language and understanding of concepts

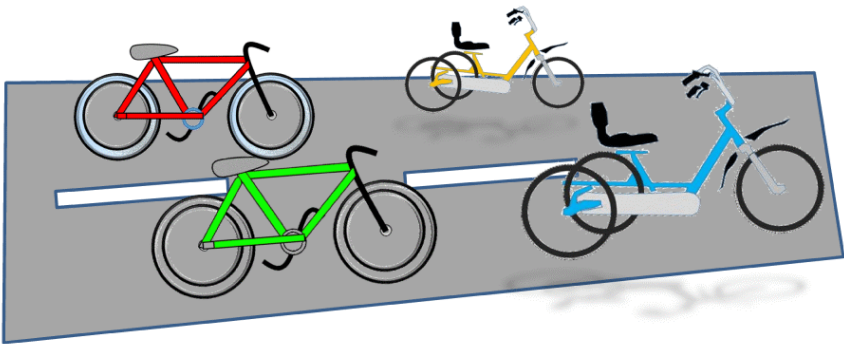
Frazer went to a bicycle show.

At the show there were some tricycles (with 3 wheels) and bicycles (with 2 wheels).

She counted 25 wheels altogether.

How many bicycles and how many tricycles were there?

There are 4 different answers. See how many you can find.

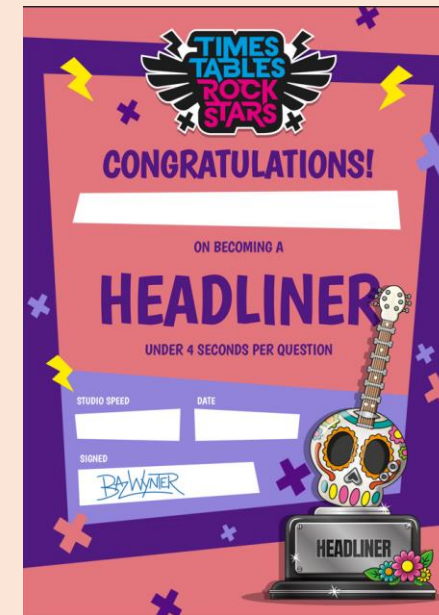


- 1) 2 bikes and 7 trikes
- 2) 5 bikes and 5 trikes
- 3) 8 bikes and 3 trikes
- 4) 11 bikes and 1 trike



How do we teach times tables?

- Daily chanting
- Times Tables Ambassadors
- Times Tables Rock Stars (games and worksheets). Teachers can see children's average speed for each times table so can give additional support when needed.
- Rewards and certificates
- Regular Battle of the Bands competitions
- National competitions



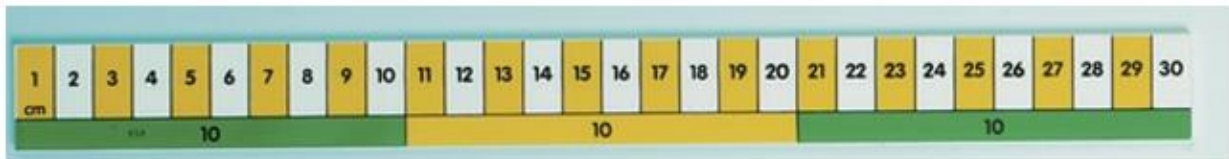
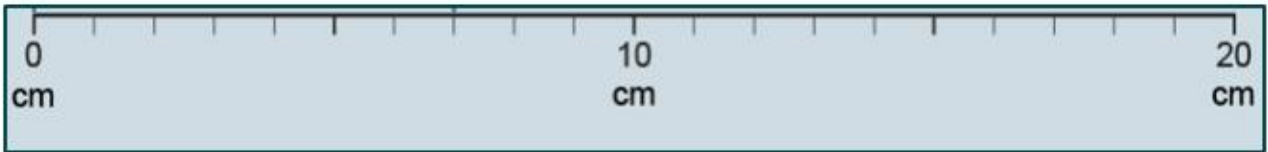
What are our key areas this year?

- Improving children's rapid recall of times tables
- Ensuring children have a confident grasp of their year group's arithmetic skills
- Developing children's confidence in tackling reasoning tasks
- Ensuring children have opportunities to explore the national concern areas within primary mathematics.

National concern areas

- Measurements
 - Geometry
 - Statistics

In school, we ensure that all resources within school support children with their knowledge of measures and that they do not create misconceptions.



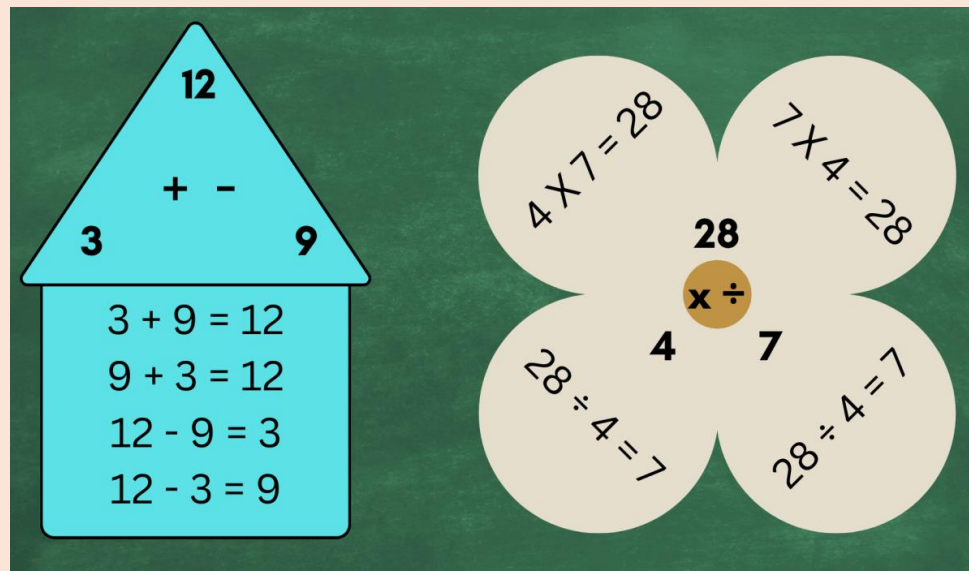
Do your children have access to measuring equipment at home?
Do they have opportunities to practice measuring length, weight and capacity?

Supporting your child -measures

- Talking about shapes when doing art and crafts e.g. how many sides, what types of angles, the length of shapes.
- Measurement when constructing and doing crafts
- Discussing length when doing sports e.g. length of pitches, distances to the goal.
- Regular practice for measuring length, weight and capacity
- Discussing how many ml or L different containers hold
- Practice pouring different measures to support estimating
- Discussing statistics e.g. history and current affairs
- Encouraging your child to complete the creative homework each half term that links to measures.
- Cooking and baking together to practice weighing.

Supporting your child – times tables

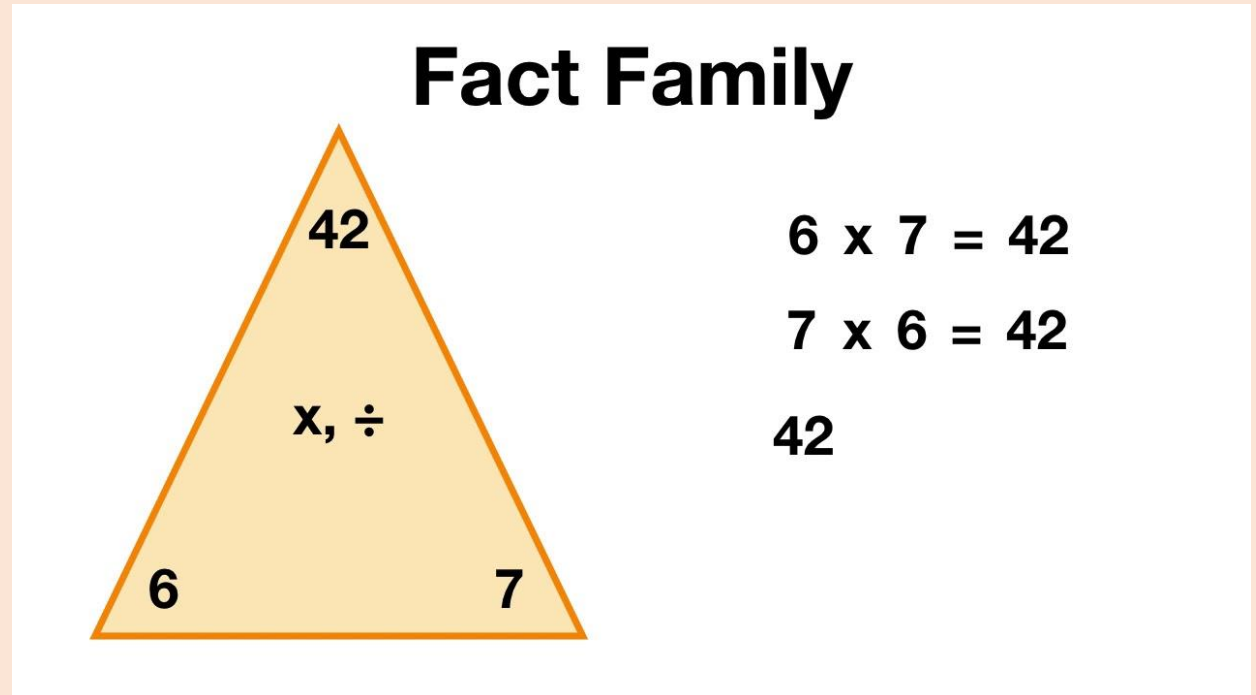
- Encourage daily game play on TTR
- Counting/chanting for times tables that they struggle with
- Making fact family triangles and displaying them where the children can see them
- Playing times tables songs (Youtube)



How can you support at home?

Times Tables

- 'Laugh Along and Learn' Youtube times tables songs
- Hit the Button game
- BBC Supermovers clips
- Times Tables board games
- Loop card games
- Bingo
- Times tables snap



Supporting your child – arithmetic and reasoning

- Encourage your child to do their maths homework
- Mental maths questions for the 4 operations
- Word problems relating to the environment e.g. how many people are on this bus? How many people will there be if 3 more get on at the next stop?

Recommended (free) websites and videos

- Nrich – problem solving challenges
- TTR website
- BBC Bitesize – modelled examples, videos, clips and games
- Primary Games Arena – maths games
- Hit the Button – number bonds and times tables questions
- Maths in Fun – arithmetic question worksheets
- Maths Zone – portal to lots of maths games and quizzes
- Third Space Learning – home learning resources
- iXL Math – maths quizzes and explanations
- Oxford Owl – activities, top tips and eBooks to help your child with maths at home
- Maths4Mums and Dads website – support for parents with their own knowledge of maths and tips for supporting your child.



Evaluation



All parents should have received an email containing a link to our evaluation form.

Feedback is much appreciated and useful to improve future sessions.