



Key Instant Recall Facts

Year 3 – Autumn 1

Key Vocabulary

addition
subtraction
number bonds
part/whole
fact family

Key Questions

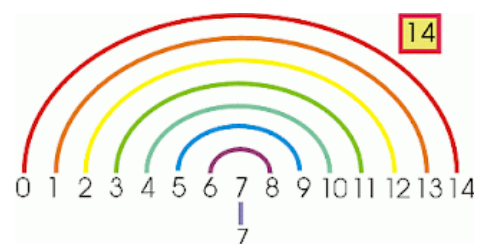
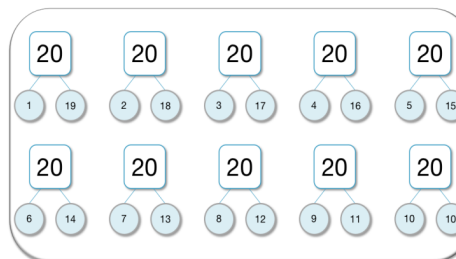
What do I add to 5 to make 19?
What is 17 take away 6?
What is 13 less than 15?
How many more than 8 is 11?
What is the difference between 9 and 13?
What is the whole?
What are the parts?

Top Tips

The secret to success is practising little and often. Use time wisely. Can you practise these KIRFs while walking to school or during a car journey? You don't need to practise them all at once: perhaps you could have a fact family of the day.

I aspire to know number bonds for numbers within 20.

By the end of this half term, you should know the following facts. The aim is for you to recall these facts instantly.



Your Home learning this half term...

Challenge 1: Making number facts	Collect 14 objects. Split the objects in different ways to find all the number facts for 14. How many facts can you find? Can you do this for other teens numbers?
Challenge 2: Finding all the facts	Can you create number bond rainbows for numbers 11-19 and write down all the number facts. How many facts can you find?
Challenge 3: Develop your fluency 	Play hit the button – How many can you get correct in 1 minute? https://www.topmarks.co.uk/maths-games/hit-the-button
Challenge 4: Increase your fluency 	Can you make a smoothie by finding the missing numbers for number bonds up to 20? https://ictgames.com/mobilePage/smoothie/index.html
Challenge 5: Embed your knowledge 	Play Alien addition https://www.arcademics.com/games/alien Practise your number bonds in this quick fire arcade game.
Challenge 6: Apply your number facts knowledge	Make number cards with the numbers 1 to 20 on. Ask a parent to pick a card at random. Time how quickly you can recall all of the number bonds that make the chosen number. Repeat for all of the numbers 1 - 20.