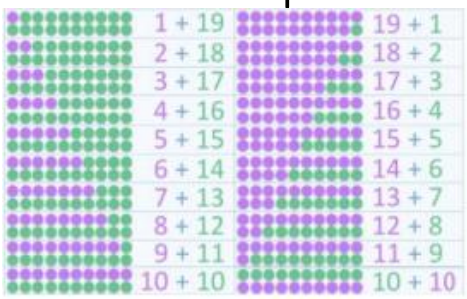
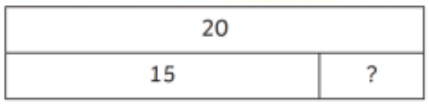
Key Instant Recall Facts
Autumn

By the end of the term, children should know the following facts and be able to recall them with speed and accuracy:

KIRF: Recall number bonds to and within 20.

Some examples:





□ + □ = 20



Key vocabulary

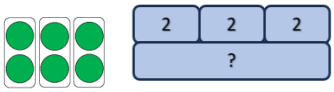
add total altogether
pack families addition sum

Key questions

What do we need to add to 13 to make 20?
If I have 10, how many more do I need to get to 20?
What is the difference between 20 and 12?

KIRF: Know multiplication and division facts for 2 x table.

Some examples:



2 x ◯ = 8

2 × 1 = 2	2 ÷ 2 = 1
2 × 2 = 4	4 ÷ 2 = 2
2 × 3 = 6	6 ÷ 2 = 3
2 × 4 = 8	8 ÷ 2 = 4
2 × 5 = 10	10 ÷ 2 = 5
2 × 6 = 12	12 ÷ 2 = 6
2 × 7 = 14	14 ÷ 2 = 7
2 × 8 = 16	16 ÷ 2 = 8
2 × 9 = 18	18 ÷ 2 = 9
2 × 10 = 20	20 ÷ 2 = 10
2 × 11 = 22	22 ÷ 2 = 11
2 × 12 = 24	24 ÷ 2 = 12

Key vocabulary

multiply groups of lots of
divide sharing grouping

Key questions

What is 2 multiplied by 8?
What is 3 lots of 2?
What is 18 divided by 2?

Top Tips

The secret is practicing little and often. Use time wisely. Can you practice these KIRFS while walking to school or during a car journey? Useful Websites/Apps:

⇒ Numbots

⇒ Top Marks: Hit the Button

Don't practise until you get it right, practise until you can't get it wrong!