



Key Instant Recall Facts (KIRFs)

Year 4 Summer term 1

I know multiplication and division facts to 12 x 12

Multiplication Chart 12 X 12

| | | | | | | | | | | | |
|----|----|----|----|----|----|----|----|-----|-----|-----|-----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| 2 | 4 | 6 | 8 | 10 | 12 | 14 | 16 | 18 | 20 | 22 | 24 |
| 3 | 6 | 9 | 12 | 15 | 18 | 21 | 24 | 27 | 30 | 33 | 36 |
| 4 | 8 | 12 | 16 | 20 | 24 | 28 | 32 | 36 | 40 | 44 | 48 |
| 5 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 |
| 6 | 12 | 18 | 24 | 30 | 36 | 42 | 48 | 54 | 60 | 66 | 72 |
| 7 | 14 | 21 | 28 | 35 | 42 | 49 | 56 | 63 | 70 | 77 | 84 |
| 8 | 16 | 24 | 32 | 40 | 48 | 56 | 64 | 72 | 80 | 88 | 96 |
| 9 | 18 | 27 | 36 | 45 | 54 | 63 | 72 | 81 | 90 | 99 | 108 |
| 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 | 110 | 120 |
| 11 | 22 | 33 | 44 | 55 | 66 | 77 | 88 | 99 | 110 | 121 | 132 |
| 12 | 24 | 36 | 48 | 60 | 72 | 84 | 96 | 108 | 120 | 132 | 144 |

Top Tips

- The secret to success is practising little and often.
- Try choosing one or two facts to focus on each day.
- Ensure that your children understand the link between the multiplication and division facts. E.g. If $9 \times 7 = 63$, then $63 \div 7 = 9$ and $63 \div 9 = 7$

Questions to Ask

- How does knowing $12 \times 10 = 120$, help you answer 12×9 ?
- What patterns do you notice in the $9x$ and $11x$ tables?
- What multiplication fact have you used to answer your division question?

Game / Activity Ideas

- Roll 2 dice. Multiply the numbers
 - www.timetables.co.uk
 - www.topmarks.co.uk/maths-games/hit-the-button
- How many times table multiplication and division facts can you write down in 2 minutes.