



## Key Instant Recall Facts

**Year 3 Autumn 1**

**KIRF:** I know **2s, 5s** and **10s** timetable-multiplication and division.

### Key Vocabulary:

- What is 3 multiplied by 5?
- What is 2 times 8?
- What is 50 divided by 5?
- 30 is the product of 5 and 6.

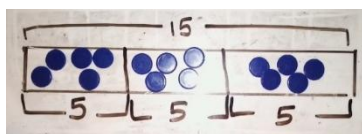
By the end of this half term, children should know the following facts. The aim is for them to recall these facts instantly.

| X2                 |                  | X 5                |                  | X 10                 |                    |
|--------------------|------------------|--------------------|------------------|----------------------|--------------------|
| $1 \times 2 = 2$   | $2 \div 2 = 1$   | $1 \times 5 = 5$   | $5 \div 5 = 1$   | $1 \times 10 = 10$   | $10 \div 10 = 1$   |
| $2 \times 2 = 4$   | $4 \div 2 = 2$   | $2 \times 5 = 10$  | $10 \div 5 = 2$  | $2 \times 10 = 20$   | $20 \div 10 = 2$   |
| $3 \times 2 = 6$   | $6 \div 2 = 3$   | $3 \times 5 = 15$  | $15 \div 5 = 3$  | $3 \times 10 = 30$   | $30 \div 10 = 3$   |
| $4 \times 2 = 8$   | $8 \div 2 = 4$   | $4 \times 5 = 20$  | $20 \div 5 = 4$  | $4 \times 10 = 40$   | $40 \div 10 = 4$   |
| $5 \times 2 = 10$  | $10 \div 2 = 5$  | $5 \times 5 = 25$  | $25 \div 5 = 5$  | $5 \times 10 = 50$   | $50 \div 10 = 5$   |
| $6 \times 2 = 12$  | $12 \div 2 = 6$  | $6 \times 5 = 30$  | $30 \div 5 = 6$  | $6 \times 10 = 60$   | $60 \div 10 = 6$   |
| $7 \times 2 = 14$  | $14 \div 2 = 7$  | $7 \times 5 = 35$  | $35 \div 5 = 7$  | $7 \times 10 = 70$   | $70 \div 10 = 7$   |
| $8 \times 2 = 16$  | $16 \div 2 = 8$  | $8 \times 5 = 40$  | $40 \div 5 = 8$  | $8 \times 10 = 80$   | $80 \div 10 = 8$   |
| $9 \times 2 = 18$  | $18 \div 2 = 9$  | $9 \times 5 = 45$  | $45 \div 5 = 9$  | $9 \times 10 = 90$   | $90 \div 10 = 9$   |
| $10 \times 2 = 20$ | $20 \div 2 = 10$ | $10 \times 5 = 50$ | $50 \div 5 = 10$ | $10 \times 10 = 100$ | $100 \div 10 = 10$ |
| $11 \times 2 = 22$ | $22 \div 2 = 11$ | $11 \times 5 = 55$ | $55 \div 5 = 11$ | $11 \times 10 = 110$ | $110 \div 10 = 11$ |
| $12 \times 2 = 24$ | $24 \div 2 = 12$ | $12 \times 5 = 60$ | $60 \div 5 = 12$ | $12 \times 10 = 120$ | $120 \div 10 = 12$ |

Children should aim to know these number facts in any order, including missing number questions e.g.  $9 \times \underline{\quad} = 45$  or  $110 \div \underline{\quad} = 11$

What will it look like at Cranford School?

**Concrete**



**Pictorial**



**Abstract**

|    |    |    |    |
|----|----|----|----|
| 2  | 4  | 8  | 12 |
| 14 | 16 | 18 | 24 |
| 2  | 4  | 6  | 8  |

