



Learning Times Tables at Kings Copse

Progression in Key Facts

To help the children to learn number patterns, and to build upon previous learning, pupils learn their times tables in the following order throughout the school. This helps to develop their awareness of doubles and triples and use them to derive other times table facts. To ensure that they have learnt their facts thoroughly, at certain intervals a child will undertake a combined test of previous facts.

Vocabulary for Multiplication

- ◆ twos
- ◆ times
- times ◆
- multiplied by ◆
- multiply ◆ by
- How many are there in
- Double ◆
- Twice ◆
- has how many lots of in it?
- ◆ groups of
- Is in the times table?
- What is the product of and ...?

Vocabulary for Division

- ... shared equally between.....
- divided by
-split into equal groups
- divide by
- share equally between
- ... grouped into

Counting in 2s

1. 2 4 6 8 10 12 14 16 18 20 22 24

Counting in 10s

2. 10 20 30 40 50 60 70 80 90 100

Counting in 5s

3. 5 10 15 20 25 30 35 40 45 50 55
60 65 70 75 80 85 90 95 100

Counting in 3s

4. 3 6 9 12 15 18 21 24 27 30 33 36

5.

2 times tables facts

Multiplication	Division
$1 \times 2 = 2$	$2 \div 2 = 1$
$2 \times 2 = 4$	$4 \div 2 = 2$
$3 \times 2 = 6$	$6 \div 2 = 3$
$4 \times 2 = 8$	$8 \div 2 = 4$
$5 \times 2 = 10$	$10 \div 2 = 5$
$6 \times 2 = 12$	$12 \div 2 = 6$
$7 \times 2 = 14$	$14 \div 2 = 7$
$8 \times 2 = 16$	$16 \div 2 = 8$
$9 \times 2 = 18$	$18 \div 2 = 9$
$10 \times 2 = 20$	$20 \div 2 = 10$
$11 \times 2 = 22$	$22 \div 2 = 11$
$12 \times 2 = 24$	$24 \div 2 = 12$

6.

10 times tables facts

Multiplication	Division
$1 \times 10 = 10$	$10 \div 10 = 1$
$2 \times 10 = 20$	$20 \div 10 = 2$
$3 \times 10 = 30$	$30 \div 10 = 3$
$4 \times 10 = 40$	$40 \div 10 = 4$
$5 \times 10 = 50$	$50 \div 10 = 5$
$6 \times 10 = 60$	$60 \div 10 = 6$
$7 \times 10 = 70$	$70 \div 10 = 7$
$8 \times 10 = 80$	$80 \div 10 = 8$
$9 \times 10 = 90$	$90 \div 10 = 9$
$10 \times 10 = 100$	$100 \div 10 = 10$
$11 \times 10 = 110$	$110 \div 10 = 11$
$12 \times 10 = 120$	$120 \div 10 = 12$

7.

8.

9.

10.

5 times tables facts

Multiplication	Division
$1 \times 5 = 5$	$5 \div 5 = 1$
$2 \times 5 = 10$	$10 \div 5 = 2$
$3 \times 5 = 15$	$15 \div 5 = 3$
$4 \times 5 = 20$	$20 \div 5 = 4$
$5 \times 5 = 25$	$25 \div 5 = 5$
$6 \times 5 = 30$	$30 \div 5 = 6$
$7 \times 5 = 35$	$35 \div 5 = 7$
$8 \times 5 = 40$	$40 \div 5 = 8$
$9 \times 5 = 45$	$45 \div 5 = 9$
$10 \times 5 = 50$	$50 \div 5 = 10$
$11 \times 5 = 55$	$55 \div 5 = 11$
$12 \times 5 = 60$	$60 \div 5 = 12$

12.**3 times tables facts**

Multiplication

$$1 \times 3 = 3$$

$$2 \times 3 = 6$$

$$3 \times 3 = 9$$

$$4 \times 3 = 12$$

$$5 \times 3 = 15$$

$$6 \times 3 = 18$$

$$7 \times 3 = 21$$

$$8 \times 3 = 24$$

$$9 \times 3 = 27$$

$$10 \times 3 = 30$$

$$11 \times 3 = 33$$

$$12 \times 3 = 36$$

Division

$$3 \div 3 = 1$$

$$6 \div 3 = 2$$

$$9 \div 3 = 3$$

$$12 \div 3 = 4$$

$$15 \div 3 = 5$$

$$18 \div 3 = 6$$

$$21 \div 3 = 7$$

$$24 \div 3 = 8$$

$$27 \div 3 = 9$$

$$30 \div 3 = 10$$

$$33 \div 3 = 11$$

$$36 \div 3 = 12$$

13.**14.****4 times tables facts**

Multiplication

$$1 \times 4 = 4$$

$$2 \times 4 = 8$$

$$3 \times 4 = 12$$

$$4 \times 4 = 16$$

$$5 \times 4 = 20$$

$$6 \times 4 = 24$$

$$7 \times 4 = 28$$

$$8 \times 4 = 32$$

$$9 \times 4 = 36$$

$$10 \times 4 = 40$$

$$11 \times 4 = 44$$

$$12 \times 4 = 48$$

Division

$$4 \div 4 = 1$$

$$8 \div 4 = 2$$

$$12 \div 4 = 3$$

$$16 \div 4 = 4$$

$$20 \div 4 = 5$$

$$24 \div 4 = 6$$

$$28 \div 4 = 7$$

$$32 \div 4 = 8$$

$$36 \div 4 = 9$$

$$40 \div 4 = 10$$

$$44 \div 4 = 11$$

$$48 \div 4 = 12$$

15.**16.****8 times tables facts**

Multiplication

$$1 \times 8 = 8$$

$$2 \times 8 = 16$$

$$3 \times 8 = 24$$

$$4 \times 8 = 32$$

$$5 \times 8 = 40$$

$$6 \times 8 = 48$$

$$7 \times 8 = 56$$

$$8 \times 8 = 64$$

$$9 \times 8 = 72$$

$$10 \times 8 = 80$$

$$11 \times 8 = 88$$

$$12 \times 8 = 96$$

Division

$$8 \div 8 = 1$$

$$16 \div 8 = 2$$

$$24 \div 8 = 3$$

$$32 \div 8 = 4$$

$$40 \div 8 = 5$$

$$48 \div 8 = 6$$

$$56 \div 8 = 7$$

$$64 \div 8 = 8$$

$$72 \div 8 = 9$$

$$80 \div 8 = 10$$

$$88 \div 8 = 11$$

$$96 \div 8 = 12$$

17.**19.****6 times tables facts**

Multiplication

$$1 \times 6 = 6$$

$$2 \times 6 = 12$$

$$3 \times 6 = 18$$

$$4 \times 6 = 24$$

$$5 \times 6 = 30$$

$$6 \times 6 = 36$$

$$7 \times 6 = 42$$

$$8 \times 6 = 48$$

$$9 \times 6 = 54$$

$$10 \times 6 = 60$$

$$11 \times 6 = 66$$

$$12 \times 6 = 72$$

Division

$$6 \div 6 = 1$$

$$12 \div 6 = 2$$

$$18 \div 6 = 3$$

$$24 \div 6 = 4$$

$$30 \div 6 = 5$$

$$36 \div 6 = 6$$

$$42 \div 6 = 7$$

$$48 \div 6 = 8$$

$$54 \div 6 = 9$$

$$60 \div 6 = 10$$

$$66 \div 6 = 11$$

$$72 \div 6 = 12$$

18. Combined 3x, 4x, 8x**21.****7 times tables facts**

Multiplication

$$1 \times 7 = 7$$

$$2 \times 7 = 14$$

$$3 \times 7 = 21$$

$$4 \times 7 = 28$$

$$5 \times 7 = 35$$

$$6 \times 7 = 42$$

$$7 \times 7 = 49$$

$$8 \times 7 = 56$$

$$9 \times 7 = 63$$

$$10 \times 7 = 70$$

$$11 \times 7 = 77$$

$$12 \times 7 = 84$$

Division

$$7 \div 7 = 1$$

$$14 \div 7 = 2$$

$$21 \div 7 = 3$$

$$28 \div 7 = 4$$

$$35 \div 7 = 5$$

$$42 \div 7 = 6$$

$$49 \div 7 = 7$$

$$56 \div 7 = 8$$

$$63 \div 7 = 9$$

$$70 \div 7 = 10$$

$$77 \div 7 = 11$$

$$84 \div 7 = 12$$

22.**23.****9 times tables facts**

Multiplication

$$1 \times 9 = 9$$

$$2 \times 9 = 18$$

$$3 \times 9 = 27$$

$$4 \times 9 = 36$$

$$5 \times 9 = 45$$

$$6 \times 9 = 54$$

$$7 \times 9 = 63$$

$$8 \times 9 = 72$$

$$9 \times 9 = 81$$

$$10 \times 9 = 90$$

$$11 \times 9 = 99$$

$$12 \times 9 = 108$$

Division

$$9 \div 9 = 1$$

$$18 \div 9 = 2$$

$$27 \div 9 = 3$$

$$36 \div 9 = 4$$

$$45 \div 9 = 5$$

$$54 \div 9 = 6$$

$$63 \div 9 = 7$$

$$72 \div 9 = 8$$

$$81 \div 9 = 9$$

$$90 \div 9 = 10$$

$$99 \div 9 = 11$$

$$108 \div 9 = 12$$

24.**26.****11 times tables facts**

Multiplication

$$1 \times 11 = 11$$

$$2 \times 11 = 22$$

$$3 \times 11 = 33$$

$$4 \times 11 = 44$$

$$5 \times 11 = 55$$

$$6 \times 11 = 66$$

$$7 \times 11 = 77$$

$$8 \times 11 = 88$$

$$9 \times 11 = 99$$

$$10 \times 11 = 110$$

$$11 \times 11 = 121$$

$$12 \times 11 = 132$$

Division

$$11 \div 11 = 1$$

$$22 \div 11 = 2$$

$$33 \div 11 = 3$$

$$44 \div 11 = 4$$

$$55 \div 11 = 5$$

$$66 \div 11 = 6$$

$$77 \div 11 = 7$$

$$88 \div 11 = 8$$

$$99 \div 11 = 9$$

$$110 \div 11 = 10$$

$$121 \div 11 = 11$$

$$132 \div 11 = 12$$

27.**28.****12 times tables facts**

Multiplication

$$1 \times 12 = 12$$

$$2 \times 12 = 24$$

$$3 \times 12 = 36$$

$$4 \times 12 = 48$$

$$5 \times 12 = 60$$

$$6 \times 12 = 72$$

$$7 \times 12 = 84$$

$$8 \times 12 = 96$$

$$9 \times 12 = 108$$

$$10 \times 12 = 120$$

$$11 \times 12 = 132$$

$$12 \times 12 = 144$$

Division

$$12 \div 12 = 1$$

$$24 \div 12 = 2$$

$$36 \div 12 = 3$$

$$48 \div 12 = 4$$

$$60 \div 12 = 5$$

$$72 \div 12 = 6$$

$$84 \div 12 = 7$$

$$96 \div 12 = 8$$

$$108 \div 12 = 9$$

$$120 \div 12 = 10$$

$$132 \div 12 = 11$$

$$144 \div 12 = 12$$

25. Combined 6x, 7x, 9x**30. Combined 11x, 12x**