KIRF T3

Count in 3s. Know the multiplication and division facts for the 3 times tables (up to 12 x 3)

Fast facts

3x1=3	1x3=3	3÷3=1	3÷1=3
3x2=6	2x3=6	6÷3=2	6÷2=3
3x3=9	3x3=9	9÷3=3	9÷3=3
3x4=12	4x3=12	12÷3=4	12÷4=3
3x5=15	5x3=15	15÷3=5	15÷5=3
3x6=18	6x3=18	18÷3=6	18÷6=3
3x7=21	7x3=21	21÷3=7	21÷7=3
3x8=24	8x3=24	24÷3=8	24÷8=3
3x9=27	9x3=27	27÷3=9	27÷9=3
3x10=30	10x3=30	30÷3=10	30÷10=3
3x11=33	11x3=33	33÷3=11	33÷11=3
3x12=36	12x3=36	36÷3=12	33÷12=3

They should also be able to answer related missing number questions:

e.g. 3 x ? =27

? ÷ 3 = 4

Key vocabulary

multiple
lots of
times by 3
divide by 3
how many 3s in

Tutter's terrific top tips

Counting Stick - Digital virtual counting stick

Many children will have used a counting stick at school so will understand how this can be used! Perhaps they can teach the adults! Perhaps you might want to use your creative talents and even make your own!

Skip counting - Maths with a Mouse Terriific Tables Tunes - multiples of 3 **(**Learn to count in multiples of 3 by singing a familiar tune!)

Using triangles - Maths with a Mouse Terrific Times Tables Triangles

Using triangles with missing information is a great way to visualise the relationships between multiplication and division. Perhaps you could have your own whiteboard and have two pieces of information, challenging the learner to work out the missing value. My YouTube video will help you to understand how this can be done.

Scatter tables - Write down the multiples of 3 in random places on a sheet of paper. Call out a times table question (e.g. 7 x 3) and your child should point to the correct answer. Be creative in how these can be presented - don't be afraid to make it colourful and large.

KIRF T4

Count in 4s. Know the multiplication and division facts for the 4 times tables (up to 12 x 4)

Fast facts

4x1=4	1x4 = 4	4÷4=1	4÷1=4
4x2=8	2x4 = 8	8÷4=2	8÷2=4
4x3=12	3x4=12	12÷4=3	12÷3=4
4x4=16	4x4=16	16÷4=4	16÷4=4
4x5=20	5x4=20	20÷4=5	20÷5=4
4x6=24	6x4=24	24÷4=6	24÷6=4
4x7=28	7x4=28	28÷4=7	28÷7=4
4x8=32	8x4=32	32÷4=8	32÷8=4
4x9=36	9x4=36	36÷4=9	36÷9=4
4x10=40	10x4=40	40÷4=10	40÷10=4
4x11=44	11x4=44	44÷4=11	44÷11=4
4x12=48	12x4=48	48÷4=12	48÷12=4

They should also be able to answer related missing number questions:

e.g. 4 x ? =16

? ÷4 = 7

Key vocabulary

double double
half and half again
times by 2
divide by 4
How many 4s in…

Tutter's terrific top tips

Counting Stick - Digital virtual counting stick

Many children will have used a counting stick at school so will understand how this can be used! Perhaps they can teach the adults! Perhaps you might want to use your creative talents and even make your own!

Skip counting - Maths with a Mouse Terrific Tables Tunes - multiples of 4 **(**Learn to count in multiples of 4 by singing a familiar tune!)

Using triangles - Maths with a Mouse Terrific Times Tables Triangles

Using triangles with missing information is a great way to visualise the relationships between multiplication and division. Perhaps you could have your own whiteboard and have two pieces of information, challenging the learner to work out the missing value. My YouTube video will help you to understand how this can be done.

Double double – Multiplying a number by 4 is the same as multiplying by 2 and then doubling the answer. 3 x 2 = 6 and double 6 is 12, so 3 x 4 = 12.

Scatter tables - Write down the multiples of 4 in random places on a sheet of paper. Call out a times table question (e.g. 7 x 4) and your child should point to the correct answer. Be creative in the how these can be presented - don't be afraid to make it colourful and large.

KIRF T6

Know the multiplication and division facts for the 6 times tables (up to 12 x 6)

Fast facts

6x1=6	1x6=6	6÷6=1	6÷1=6
6x2=12	2x6=12	12÷6=2	12÷2=6
6x3=18	3x6=18	18÷6=3	18÷3=6
6x4=24	4x6=24	24÷6=4	24÷4=6
6x5=30	5x6=30	30÷6=5	30÷5=6
6x6=36	6x6=36	36÷6=6	36÷6=6
6x7=42	7x6=42	42÷6=7	42÷7=6
6x8=48	8x6=48	48÷6=8	48÷8=6
6x9=54	9x6=54	54÷6=9	54÷9=6
6x10=60	10x6=60	60÷6=10	60÷10=6
6x11=66	11x6=66	66÷6=11	66÷11=6
6x12=72	12x6=72	72÷6=12	72÷12=6

They should also be able to answer related missing number questions:

e.g. 6 x ? = 42

? ÷ 6 = 4

Key vocabulary

multiply
multiple
times by 2
divide by 6
How many 6s in…

Tutter's terrific top tips

Counting Stick - Digital virtual counting stick

Many children will have used a counting stick at school so will understand how this can be used! Perhaps they can teach the adults! Perhaps you might want to use your creative talents and even make your own!

Using triangles - Maths with a Mouse Terrific Times Tables Triangles

Using triangles with missing information is a great way to visualise the relationships between multiplication and division. Perhaps you could have your own whiteboard and have two pieces of information, challenging the learner to work out the missing value. My YouTube video will help you to understand how this can be done.

Skip counting - Maths with a Mouse Terrific Tables Tunes - multiples of 6 **(**Learn to count in multiples of 6 by singing a familiar tune!)

Scatter tables - Write down the multiples of 6 in random places on a sheet of paper. Call out a times table question (e.g. 7 x 6) and your child should point to the correct answer. Be creative in the how these can be presented - don't be afraid to make it colourful and large.

KIRF

Count in 7s.
Know the multiplication and division facts for the 7 times table.

Fast facts

7x1=7	1x7 =7	7÷7=1	7÷1=7
7x2=14	2x7=14	14÷7=2	14÷2=7
7x3=21	3x7=21	21÷7=3	21÷3=7
7x4=28	4x7=28	28÷7=4	28÷4=7
7x5=35	5x7=35	35÷7=5	35÷5=7
8x6=42	6x7=42	42÷7=6	42÷6=7
7x7=49	7x7=49	49÷7=7	49÷7=7
7x8=56	8x7=56	56÷7=8	56÷8=7
7x9=63	9x7=63	63÷7=9	63÷9=7
7x10=70	10x7=70	70÷7=10	70÷10=7
7x11=77	11x7=77	77÷7=11	77÷11=7
7x12=84	12x7=84	84÷7=12	84÷12=7

They should also be able to answer related missing number questions:

e.g. 7 x ? =14

? ÷ 7 = 3

Key vocabulary

multiples of 7
times by 7
divide by 7
How many 7s in…

Tutter's terrific top tips

Five six seven eight – fifty-six is seven times eight (56 = 7 x 8)

Skip counting - Maths with a Mouse Terrific Tables Tunes - multiples of 7 (Learn to count in multiples of 8 by singing a familiar tune!)

Counting Stick - Digital virtual counting stick

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Using triangles - Maths with a Mouse Terrific Times Tables Triangles

Using triangles with missing information is a great way to visualise the relationships between multiplication and division. Perhaps you could have your own whiteboard and have two pieces of information, challenging the learner to work out the missing value. My YouTube video will help you to understand how this can be done.

Scatter tables - Write down the multiples of 7 in random places on a sheet of paper. Call out a times table question (e.g. 7 x 7) and your child should point to the correct answer. Be creative in the how these can be presented - don't be afraid to make it colourful and large.

KIRF T8

Count in 8s.
Know the multiplication and division facts for the 8 times table.

Fast facts

8x1=8	1x8 =8	8÷8=1	8÷1=8
8x2=16	2x 8=16	16÷8=2	16÷2=8
8x3=24	3x 8=24	24÷8=3	24÷3=8
8x4=32	4x8=32	32÷8=4	32÷4=8
8x5=40	5x8=40	40÷8=5	40÷5=8
8x6=48	6x8=48	48÷8=6	48÷6=8
8x7=56	7x8=56	56÷8=7	56÷7=8
8x8=64	8x8=64	64÷8=8	64÷8=8
8x9=72	9x8=72	72÷8=9	72÷9=8
8x10=80	10x8=80	80÷8=10	80÷10=8
8x11=88	11x8=88	88÷8=11	88÷11=8
8x12=96	12x8=96	96÷8=12	96÷12=8

They should also be able to answer related missing number questions:

e.g. 8 x ? =16

? ÷8 = 3

Key vocabulary
multiples of 8
times by 2
divide by 8
How many 8s in…

Tutter's terrific top tips

Double your fours – Multiplying a number by 8 is the same as multiplying by 4 and then doubling the answer. 3 x 4 = 12 and double 12 is 24, so 3 x 8 = 24.

Five six seven eight – fifty-six is seven times eight (56 = 7 x 8)

I **ate and ate until I was sick on the floor** – eight times eight is sixty-four (8 x 8 = 64)

Skip counting - Maths with a Mouse Terrific Tables Tunes - multiples of 8 (Learn to count in multiples of 8 by singing a familiar tune!)

Counting Stick - Digital virtual counting stick

Many children will have used a counting stick at school so will understand how this can be used! Perhaps they can teach the adults! Perhaps you might want to use your creative talents and even make your own!

Using triangles - Maths with a Mouse Terrific Times Tables Triangles

Scatter tables - Write down the multiples of 8 in random places on a sheet of paper. Call out a times table question (e.g. 7 x 8) and your child should point to the correct answer. Be creative in the how these can be presented - don't be afraid to make it colourful and large.

KIRF T9

Know the multiplication and division facts for the 9 times tables (up to 12 x 9)

Fast facts

9x1=9	1x9=9	9÷9 =1	9÷1=9
9x2=18	2x9=18	18÷9=2	18÷2=9
9x3=27	3x9=27	27÷9=3	27÷3=9
9x4=36	4x9=36	36÷9=4	36÷4=9
9x5=45	5x9=45	45÷9=5	45÷5=9
9x6=54	6x9=54	54÷9=6	54÷6=9
9x7=63	7x9=63	63÷9=7	63÷7=9
9x8=72	8x9=72	72÷9=8	72÷8=9
9x9=81	9x9=81	81÷9=9	81÷9=9
9x10=90	10x9=90	90÷9=10	90÷10=9
9x11=99	11x9=99	99÷9=11	99÷11=9
9x12=108	12x9=108	108÷9=12	108÷12=9

They should also be able to answer related missing number questions:

e.g. 9 x ? = 27

? ÷ 9 = 4

Key vocabulary

add 10 minus 1
multiples of 9
How many 9s in

Tutter's terrific top tips

Counting Stick - Digital virtual counting stick

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Using triangles - Maths with a Mouse Terrific Times Tables Triangles

Using triangles with missing information is a great way to visualise the relationships between multiplication and division. Perhaps you could have your own whiteboard and have two pieces of information, challenging the learner to work out the missing value. My YouTube video will help you to understand how this can be done.

Fingers - The x9 tables fingers trick

This approach works well to help recall the facts but you need to have ten fingers. Sadly, I only have eight so I can't use this approach.

Scatter tables - Write down the multiples of 9 in random places on a sheet of paper. Call out a times table question (e.g. 7 x 9) and your child should point to the correct answer. Be creative in the how these can be presented - don't be afraid to make it colourful and large.

KIRF T1 1

Know the multiplication and division facts for the 11 times tables (up to 12 x 11)

Fast facts

11x1=11	1x11=11	11÷11 =1	11÷1=11
11x2=22	2x11=22	22÷11=2	22÷2=11
11x3=33	3x11 =33	33÷11=3	33÷3=11
11x4=44	4x11=44	44÷11=4	44÷4=11
11x5=55	5x11=55	55÷11=5	55÷5=11
11x6=66	6x11=66	66÷11=6	66÷6=11
11x7=77	7x11=77	77÷11=7	77÷7=11
11x8=88	8x11=88	88÷11=8	88÷8=11
11x9=99	9x11=99	99÷11=9	99÷9=11
11x10=110	10x11=110	110÷11=10	110÷10=11
11x11=122	11x11=121	121÷11=11	121÷11=11
11x12=132	12x11=132	132÷11=12	132÷12=11

They should also be able to answer related missing number questions:

e.g. 11 x ? = 99

? ÷ 11 = 4

Key vocabulary

Pattern
multiple
times by 11
divide by 11
How many 11s in…

Tutter's terrific top tips

Counting Stick - Digital virtual counting stick

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Using triangles - Maths with a Mouse Terrific Times Tables Triangles

Using triangles with missing information is a great way to visualise the relationships between multiplication and division. Perhaps you could have your own whiteboard and have two pieces of information, challenging the learner to work out the missing value. My YouTube video will help you to understand how this can be done.

Scatter tables - Write down the multiples of 11 in random places on a sheet of paper. Call out a times table question (e.g. 7 x 11) and your child should point to the correct answer. Be creative in the how these can be presented - don't be afraid to make it colourful and large.

KIRF T12

Know the multiplication and division facts for the 12 times tables (up to 12 x 12)

Fast facts

12x1=12	1x11=12	12÷12=1	12÷1=12
12x2=24	2x11=24	24÷12=2	24÷2=12
12x3=36	3x11 =36	36÷12=3	36÷3=12
12x4=48	4x11=48	48÷12=4	48÷4=12
12x5=60	5x11=60	60÷12=5	60÷5=12
12x6=72	6x11=72	72÷12=6	72÷6=12
12x7=84	7x11=84	84÷12=7	84÷7=12
12x8=96	8x11=96	96÷12=8	96÷8=12
12x9=108	9x11=108	108÷12=9	108÷9=12
12x10=120	10x11=120	120÷12=10	120÷10=12
12x11=132	11x11=132	132÷12=11	132÷11=12
12x12=144	12x11=144	144÷12=12	144÷12=12

They should also be able to answer related missing number questions:

e.g. 12 x ? = 96

? ÷ 12 = 4

Key vocabulary

pattern
multiple
times by 12
divide by 12
How many 12 in…

Tutter's terrific top tips

Counting Stick - Digital virtual counting stick

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Using triangles - Maths with a Mouse Terrific Times Tables Triangles

Using triangles with missing information is a great way to visualise the relationships between multiplication and division. Perhaps you could have your own whiteboard and have two pieces of information, challenging the learner to work out the missing value. My YouTube video will help you to understand how this can be done.

Scatter tables - Write down the multiples of 12 in random places on a sheet of paper. Call out a times table question (e.g. 7 x 12) and your child should point to the correct answer. Be creative in the how these can be presented - don't be afraid to make it colourful and large.