

LEVEL 1-

RED Apprentice

STRATEGIES- take the opportunity to practise the strategies below. You may also think of other efficient strategies of your own! If you need to revise the strategies, click onto the Mfacts121 video clips to see them.

STRATEGY FOCUS:

- **Ones Facts:** $1 \times _$: Think 'the product* will be the other factor*'
- **Twos Facts:** $2 \times _$: Think 'double'
- Think 'use your turn around facts'

2×1	2×4	1×3	5×1
1×2	4×2	3×1	3×2
2×2	2×5	1×4	1×1
2×3	5×2	4×1	1×5

$$1 \times 3 = 3$$

*Factors

*Product

LEVEL 1-

RED Master

STRATEGIES- take the opportunity to practise the strategies below. You may also think of other efficient strategies of your own! If you need to revise the strategies, click onto the Mfacts121 video clips to see them.

STRATEGIES FOCUS:

- **Ones Facts:** $1 \times _$: Think 'the product* will be the other factor*'
- **Twos Facts:** $2 \times _$: Think 'double'
- Think 'use your turn around facts'

2×6	8×2	1×6	8×1
6×2	2×9	6×1	1×9
2×7	9×2	1×7	9×1
7×2	2×10	7×1	1×10
2×8	10×2	1×8	10×1

LEVEL 2-

GREEN Apprentice

STRATEGIES- take the opportunity to practise the strategies below. You may also think of other efficient strategies of your own! If you need to revise the strategies, click onto the Mfacts121 video clips to see them.

STRATEGIES FOCUS:

- **Zeros Facts:** $0 \times _ =$ Think 'the product* will be zero'
- **Threes Facts:** $3 \times _ =$ Think 'double, plus one more group'
- Think 'use your turn around facts'

3×3	0×1	2×0	0×4
3×4	1×0	0×3	4×0
4×3	0×2	3×0	0×5
3×5	5×3	5×0	0×0

*product: the result when two numbers are multiplied (answer)

LEVEL 2-

GREEN Master

STRATEGIES- take the opportunity to practise the strategies below. You may also think of other efficient strategies of your own! If you need to revise the strategies, click onto the Mfacts121 video clips to see them.

STRATEGIES FOCUS:

- **Zeros Facts:** $0 \times _ =$ Think 'the product will be zero'
- **Threes Facts:** $3 \times _ =$ Think 'double, plus one more group'
- Think 'use your turn around facts'

3×6	8×3	0×6	8×0
6×3	3×9	6×0	0×9
3×7	9×3	0×7	9×0
7×3	3×10	7×0	0×10
3×8	10×3	0×8	10×0

LEVEL 3-

YELLOW Apprentice

STRATEGIES- take the opportunity to practise the strategies below. You may also think of other efficient strategies of your own! If you need to revise the strategies, click onto the Mfacts121 video clips to see them.

STRATEGIES FOCUS:

- **Fours Facts:** $4 \times _ =$ Think 'double, double'
- **Tens Facts:** $10 \times _ =$ Think 'make it 10 times bigger with a zero'
- Think 'use your turn around facts'

5 X 4	4 x 10	10 x 6	7 x 10
4 x 5	10 x 5	6 x 10	10 x 8
10 x 4	5 x 10	10 x 7	8 x 10
10 x 9	9 x 10	10 x 10	4 x 4

LEVEL 3-

YELLOW Master

STRATEGIES- take the opportunity to practise the strategies below. You may also think of other efficient strategies of your own! Choose the strategies that work best for YOU! If you need to revise the strategies, click onto the Mfacts121 video clips to see them.

STRATEGIES FOCUS:

- **Fours Facts:** $4 \times _ =$ Think 'double, double'
- **Fives Facts:** $5 \times _ =$ Think '10 x _ then halve it'
- **Sixes Facts:** $6 \times _ =$ Think '5 x _ plus one more group'
- Think 'use your turn around facts'

4 x 6	4 x 8	5 x 7
6 x 4	8 x 4	7 x 5
4 x 7	5 x 5	5 x 8
7 x 4	5 x 6	8 x 5
	6 x 5	

LEVEL 4-

BLUE Apprentice

STRATEGIES- take the opportunity to practise the strategies below. You may also think of other efficient strategies of your own! Use the strategies that work best for YOU! If you need to revise the strategies, click onto the Mfacts121 video clips to see them.

STRATEGIES FOCUS:

- **Nines Facts:** $9 \times _ =$ Think '10 x $_$, then take away one group'
- **Sixes Facts:** $6 \times _ =$ Think '5 x $_$, plus one more group'
- **Make Connections:** Think 'use what you know, to help with what you don't know'
- Think 'use your turn around facts'
- **Distributive property:** Think 'separate the question into easier parts'

9 x 4	9 x 6	6 x 6
4 x 9	6 x 9	6 x 7
9 x 5	9 x 7	7 x 6
5 x 9	7 x 9	

LEVEL 4-**BLUE Master**

STRATEGIES- take the opportunity to practise the strategies below. You may also think of other efficient strategies of your own! Use what strategies work best for YOU! If you need to revise the strategies, click onto the Mfacts121 video clips to see them.

STRATEGIES FOCUS:

- **Eights Facts:** $8 \times _ =$ Think 'double, double, double'
- **Sixes Facts:** $6 \times _ =$ Think '5 x _ plus one more group'
- **Make Connections:** Think 'use what you know, to help with what you don't know'
- Think 'use your turn around facts'
- **Distributive property:** Think 'separate the question into easier parts'
- Learn the 'square numbers'

8 x 6	7 x 8	9 x 8
6 x 8	8 x 8	7 x 7
8 x 7	8 x 9	9 x 9