



Times Table Challenge

x40, x60, x80 & x90

Elite Stage 3 Practice
Book

Dear parents/carers,

This booklet is the children's next step in the times table challenge, Elite Challenge 3. The 'Elite' challenges bring into play knowledge of how multiplying and dividing by multiples of 10, 100 and 1000 affects the place value of numbers.

This stage multiplies each times table by ten. Therefore, rather than working on 4, 8, 6 and 9 they will be multiplying by 40, 80, 60 and 90; applying their previous knowledge. It is important that children continue practising these base times tables in order to keep these useful facts fresh in their minds.

Thank you for your continued support.

Dear children,

Congratulations on achieving Elite Stage 2.

You'll now continue to test yourself and apply those facts you have learnt. This is Stage 3 of the Elite Challenges. In the Elite Challenges, you will use your knowledge of how multiplying and dividing by multiples of 10, 100 and 1000 affects the place value of numbers.

This stage multiplies each times table by ten. Therefore, rather than working on 4, 8, 6 and 9, you will be multiplying by 40, 80, 60 and 90; applying your previous knowledge. It is important that you continue practising these base times tables in order to keep these useful facts fresh in your mind.

Keep working hard and don't get complacent.

2 Times Table (20s)

$1 \times 20 = 20$	$2 \times 20 = 40$	$3 \times 20 = 60$	$4 \times 20 = 80$
$5 \times 20 = 100$	$6 \times 20 = 120$	$7 \times 20 = 140$	$8 \times 20 = 160$
$9 \times 20 = 180$	$10 \times 20 = 200$	$11 \times 20 = 220$	$12 \times 20 = 240$

Top Tip - To multiply by 20 just double and then times by 10

3 Times Table (30s)

$1 \times 30 = 30$	$2 \times 30 = 60$	$3 \times 30 = 90$	$4 \times 30 = 120$
$5 \times 30 = 150$	$6 \times 30 = 180$	$7 \times 30 = 210$	$8 \times 30 = 240$
$9 \times 30 = 270$	$10 \times 30 = 300$	$11 \times 30 = 330$	$12 \times 30 = 360$

Top Tip - To multiply by 30; multiply by 3 then by 10

5 Times Table (50s)

$1 \times 50 = 50$	$2 \times 50 = 100$	$3 \times 50 = 150$	$4 \times 50 = 200$
$5 \times 50 = 250$	$6 \times 50 = 300$	$7 \times 50 = 350$	$8 \times 50 = 400$
$9 \times 50 = 450$	$10 \times 50 = 500$	$11 \times 50 = 550$	$12 \times 50 = 600$

Top Tip - When multiplying by 50, use the pattern 50, 100, 150, 200, 250 etc.

10 Times Table (100s)

$1 \times 100 = 100$	$2 \times 100 = 200$	$3 \times 100 = 300$	$4 \times 100 = 400$
$5 \times 100 = 500$	$6 \times 100 = 600$	$7 \times 100 = 700$	$8 \times 100 = 800$
$9 \times 100 = 900$	$10 \times 100 = 1000$	$11 \times 100 = 1100$	$12 \times 100 = 1200$

Top Tip - To multiply by 100, times by 10 and then times by 10 again

4 Times Table (40s)

$1 \times 40 = 40$	$2 \times 40 = 80$	$3 \times 40 = 120$	$4 \times 40 = 160$
$5 \times 40 = 200$	$6 \times 40 = 240$	$7 \times 40 = 280$	$8 \times 40 = 320$
$9 \times 40 = 360$	$10 \times 40 = 400$	$11 \times 40 = 440$	$12 \times 40 = 480$

Top Tip - To multiply by 40, times by then by 10

8 Times Table (80s)

$1 \times 80 = 80$	$2 \times 80 = 160$	$3 \times 80 = 240$	$4 \times 80 = 320$
$5 \times 80 = 400$	$6 \times 80 = 480$	$7 \times 80 = 560$	$8 \times 80 = 640$
$9 \times 80 = 720$	$10 \times 80 = 800$	$11 \times 80 = 880$	$12 \times 80 = 960$

Top Tip - To multiply by 80; multiply by 8 then by 10

6 Times Table (60s)

$1 \times 60 = 60$	$2 \times 60 = 120$	$3 \times 60 = 180$	$4 \times 60 = 240$
$5 \times 60 = 300$	$6 \times 60 = 360$	$7 \times 60 = 420$	$8 \times 60 = 480$
$9 \times 60 = 540$	$10 \times 60 = 600$	$11 \times 60 = 660$	$12 \times 60 = 720$

Top Tip - To multiply by 60; double the thirties

9 Times Table (90s)

$1 \times 90 = 90$	$2 \times 90 = 180$	$3 \times 90 = 270$	$4 \times 90 = 360$
$5 \times 90 = 450$	$6 \times 90 = 540$	$7 \times 90 = 630$	$8 \times 90 = 720$
$9 \times 90 = 810$	$10 \times 90 = 900$	$11 \times 90 = 990$	$12 \times 90 = 1080$

Top Tip - To multiply by 90; treble the thirties (watch out when you cross 1000)

Elite Stage 3 Challenge

Can you complete this times table challenge in 10 minutes or under? Good Luck!

Top Tip: Why not record your time at home and see if you can beat it next time you practise?

X	20	100	50	30	40	80	60	90
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								

Time Taken:

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X	20	100	50	30	40	80	60	90
1								
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9								
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11								
12								

Time Taken: