



Times Table Challenge

20, 30, 50 & 100 Division Facts

Elite Level 2
Practice Book

Congratulations!

Congratulations on achieving your Elite Award Stage 1. It's now time to test yourself and apply those facts you have learnt to division. This is Stage 2 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 2, 5, 10 and 3 you will be dividing by 20, 50, 100 and 30; 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. These Elite Challenges will get very tough, very quickly.

20, 100, 50 and 30 Times Tables

Top Tip - Use these facts to help you with your divisions.

X	20	100	50	30
1	20	100	50	30
2	40	200	100	60
3	60	300	150	90
4	80	400	200	120
5	100	500	250	150
6	120	600	300	180
7	140	700	350	210
8	160	800	400	240
9	180	900	450	270
10	200	1000	500	300
11	220	1100	550	330
12	240	1200	600	360

Dividing by 20

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

Top Tip - When dividing by 2 it is the same as saying 'half' of the number.

To divide by 20; half the number, then divide by 10.

Dividing by 30

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

Top Tip - Divide by 10 then divide by 3

Dividing by 50

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

Top Tip - Divide by 10 then divide by 5

Dividing by 100

$100 \div 10 = 10$	$400 \div 10 = 40$	$700 \div 10 = 70$	$1000 \div 10 = 100$
$200 \div 10 = 20$	$500 \div 10 = 50$	$800 \div 10 = 80$	$1100 \div 10 = 110$
$300 \div 10 = 30$	$600 \div 10 = 60$	$900 \div 10 = 90$	$1200 \div 10 = 120$

Top Tip Remember - Remember when we 100 and we moved our digit two spaces to the left now we do the 'opposite' and move our digits two spaces to the RIGHT

Elite Stage 2 Challenge

Can you complete this times table challenge in 5 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?

$150 \div 30 =$	$150 \div 50 =$	$240 \div 20 =$	$40 \div 20 =$
$250 \div 50 =$	$700 \div 100 =$	$50 \div 50 =$	$100 \div 50 =$
$60 \div 20 =$	$30 \div 30 =$	$90 \div 30 =$	$360 \div 30 =$
$100 \div 20 =$	$80 \div 20 =$	$300 \div 50 =$	$120 \div 30 =$
$270 \div 30 =$	$1200 \div 100 =$	$20 \div 20 =$	$200 \div 100 =$
$500 \div 100 =$	$160 \div 20 =$	$180 \div 30 =$	$240 \div 30 =$
$140 \div 20 =$	$200 \div 50 =$	$120 \div 20 =$	$400 \div 100 =$
$330 \div 30 =$	$450 \div 50 =$	$600 \div 50 =$	$220 \div 20 =$
$550 \div 50 =$	$60 \div 30 =$	$800 \div 100 =$	$350 \div 50 =$
$200 \div 20 =$	$400 \div 50 =$	$300 \div 30 =$	$600 \div 100 =$
$900 \div 100 =$	$1000 \div 100 =$	$300 \div 100 =$	$180 \div 20 =$
$500 \div 50 =$	$210 \div 30 =$	$100 \div 100 =$	$1100 \div 100 =$

Time Taken:

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$150 \div 30 =$	$150 \div 50 =$	$240 \div 20 =$	$40 \div 20 =$
$250 \div 50 =$	$700 \div 100 =$	$50 \div 50 =$	$100 \div 50 =$
$60 \div 20 =$	$30 \div 30 =$	$90 \div 30 =$	$360 \div 30 =$
$100 \div 20 =$	$80 \div 20 =$	$300 \div 50 =$	$120 \div 30 =$
$270 \div 30 =$	$1200 \div 100 =$	$20 \div 20 =$	$200 \div 100 =$
$500 \div 100 =$	$160 \div 20 =$	$180 \div 30 =$	$240 \div 30 =$
$140 \div 20 =$	$200 \div 50 =$	$120 \div 20 =$	$400 \div 100 =$
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$500 \div 50 =$	$210 \div 30 =$	$100 \div 100 =$	$1100 \div 100 =$

Time Taken: