The 3-Minute Challenge

20 questions. Every one has a champ shortcut. No calculator, no scratch paper — it's all in your head. For grades 3–6.

1 Take the test
3 minutes, 20 questions.

2 Learn 2 tricks
Read page 2 together.

3 Retry round
1 minute, use the tricks.

4 Compare
See how much faster you got.

3:00 Set a timer for 3 minutes and GO!
Skip any you get stuck on. Stop when the timer rings.

QUESTIONS 1–10

1. 47 + 9 = _____
2. 9 × 6 = _____
3. 48 × 5 = _____
4. 34 × 11 = _____
5. 1000 − 367 = _____
6. 16 × 25 = _____
7. 9 × 8 = _____
8. 136 + 99 = _____
9. 35 × 35 = _____
10. 52 × 11 = _____

QUESTIONS 11–20

11. 14 × 15 = _____
12. 83 − 19 = _____
13. 9 × 7 = _____
14. 86 × 5 = _____
15. 1000 − 458 = _____
16. 75 × 11 = _____
17. 24 × 25 = _____
18. 9 × 4 = _____
19. 65 × 65 = _____
20. 63 × 11 = _____

STOP! Pencils down. Turn the page to learn 2 secret tricks.

2 Secret Tricks Champs Use

HOW DID THAT FEEL?

Every question on that test has a shortcut. Here are 2 of them. Together they solve **8 of the 20 questions** in seconds:

TRICK 1 · 9-TIMES FINGER TRICK
Questions **2, 7, 13, 18**

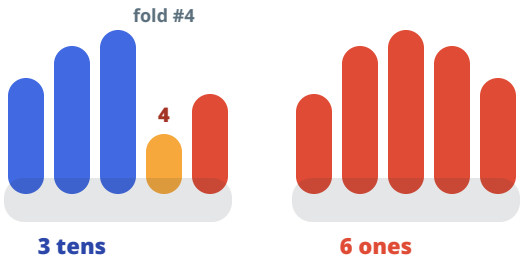
TRICK 2 · THE ×11 TRICK
Questions **4, 10, 16, 20**

TRICK 1

The 9-Times Finger Trick

Your 10 fingers already know the whole 9 times table.

1. Hold both hands up, palms facing you.
2. Number your fingers 1 to 10, starting with your left pinky.
3. To do 9 × a number, **fold down that finger**.
4. Fingers on the **left** = the **tens**.
5. Fingers on the **right** = the **ones**.



TRY IT: 9 × 4
Fold finger 4. Left: 3. Right: 6. Answer: **36**

TRY IT: 9 × 7
Fold finger 7. Left: 6. Right: 3. Answer: **63**

Quick check: the digits of every 9-times answer add up to 9 (3 + 6 = 9).

TRICK 2

Any 2-Digit Number × 11 in 2 Seconds

Split the two digits apart and put their sum in the middle.

1. Write the first and last digit with a gap.
2. Add the two digits together.
3. Put that sum in the gap.

23 × 11 → 2 5 3

2 + 3 = 5 goes in the middle

TRY IT: 54 × 11
5 _ 4 → 5 + 4 = 9 → **594**

LEVEL UP: 87 × 11
8 + 7 = 15. Keep the 5, carry the 1 → (8+1) 5 7 → **957**

The other 12 questions have quick tricks too — adding 9 or 99 in a flash, ×5 and ×25 in one step, 1000 minus anything, squaring numbers that end in 5. Kids learn each one in minutes, and they're all inside Mental Math Champs. Turn the page for your 1-minute Retry Round.

Retry Round: Use Your Tricks

1:00 **Set a timer for 1 minute and GO!**
Use the finger trick and the ×11 trick.

1. 9 × 3 = _____
2. 9 × 5 = _____
3. 9 × 2 = _____
4. 9 × 10 = _____
5. 9 × 6 = _____
6. 24 × 11 = _____
7. 53 × 11 = _____
8. 36 × 11 = _____
9. 81 × 11 = _____
10. 67 × 11 = _____

SCORE BOX

Round	Time	Correct
Trick questions on the test Q 2, 4, 7, 10, 13, 16, 18, 20	3 min	/ 8
Retry Round (with tricks)	1 min	/ 10

Same kind of questions, more of them, in a third of the time. That's what 2 tricks can do.

ANSWER KEY (FOR GROWN-UPS)

#	Test	#	Test	#	Retry
1	**56**	11	**210**	1	**27**
2	**54**	12	**64**	2	**45**
3	**240**	13	**63**	3	**18**
4	**374**	14	**430**	4	**90**
5	**633**	15	**542**	5	**54**
6	**400**	16	**825**	6	**264**
7	**72**	17	**600**	7	**583**
8	**235**	18	**36**	8	**396**
9	**1225**	19	**4225**	9	**891**
10	**572**	20	**693**	10	**737**

Teach them the shortcut — then see how fast they can go.

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+ Built for grades 3–6

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