

Year 6 | Test 1

Name

Date

Time at start of test

Time at end of test

1) $40 \times 12 = \square$

16) $9 \times 0.8 = \square$

31) $8 \times 30 = \square$

2) $90 \times 8 = \square$

17) $7 \times 80 = \square$

32) $20 \times \square = 40$

3) $500 \div 10 = \square$

18) $80 \div 4 = \square$

33) $5 \div \square = 1$

4) $480 \div 40 = \square$

19) $5 \times 12 = \square$

34) $500 \div 5 = \square$

5) $12 \times \square = 840$

20) $64 \div 8 = \square$

35) $9 \times 50 = \square$

6) $48 \div 8 = \square$

21) $24 \div 2 = \square$

36) $0.7 \times 5 = \square$

7) $60 \times \square = 180$

22) $3.5 \div 5 = \square$

37) $960 \div 12 = \square$

8) $5.5 \div 0.5 = \square$

23) $5 \times 0.7 = \square$

38) $330 \div 11 = \square$

9) $1 \times \square = 2$

24) $0.8 \times 3 = \square$

39) $10 \times 0.6 = \square$

10) $18 \div \square = 2$

25) $7.2 \div 0.8 = \square$

40) $0.2 \times 3 = \square$

11) $50 \times 5 = \square$

26) $560 \div 7 = \square$

41) $9.6 \div \square = 0.8$

12) $80 \div 40 = \square$

27) $5 \times 0.4 = \square$

42) $10 \times 5 = \square$

13) $24 \div 3 = \square$

28) $9 \times \square = 540$

43) $480 \div 40 = \square$

14) $300 \div 50 = \square$

29) $350 \div 70 = \square$

44) $7 \times 10 = \square$

15) $7 \times 1 = \square$

30) $1200 \div \square = 12$

45) $2.5 \div 0.5 = \square$

Year 6 | Test 2

Name

Date

Time at start of test

Time at end of test

1) $2 \times 8 = \square$

16) $4 \times 80 = \square$

31) $4 \times 0.2 = \square$

2) $80 \div \square = 4$

17) $6 \times 110 = \square$

32) $5 \times 8 = \square$

3) $9 \times 0.4 = \square$

18) $160 \div 80 = \square$

33) $30 \times 2 = \square$

4) $990 \div 90 = \square$

19) $270 \div \square = 90$

34) $21 \div 7 = \square$

5) $0.6 \times 12 = \square$

20) $0.6 \times \square = 3$

35) $0.6 \div 2 = \square$

6) $360 \div 40 = \square$

21) $15 \div 5 = \square$

36) $5 \times \square = 500$

7) $6 \div \square = 0.6$

22) $80 \times 6 = \square$

37) $800 \div 8 = \square$

8) $0.7 \times 11 = \square$

23) $8 \div 4 = \square$

38) $0.9 \times 3 = \square$

9) $400 \div 50 = \square$

24) $6 \times 50 = \square$

39) $4.5 \div 5 = \square$

10) $10 \times 0.2 = \square$

25) $1.5 \div 0.3 = \square$

40) $9 \times 70 = \square$

11) $900 \div 90 = \square$

26) $6 \times 40 = \square$

41) $\square \times 8 = 5.6$

12) $0.8 \times 12 = \square$

27) $2.1 \div 7 = \square$

42) $200 \div 4 = \square$

13) $10 \div 1 = \square$

28) $12 \times 50 = \square$

43) $80 \div 8 = \square$

14) $7 \times 9 = \square$

29) $49 \div 7 = \square$

44) $11 \times 20 = \square$

15) $5.6 \div 7 = \square$

30) $1.5 \div 5 = \square$

45) $5 \times 4 = \square$

Year 6 | Test 3

Name

Date

Time at start of test

Time at end of test

1) $2.4 \div 0.2 =$

16) $0.5 \times$ $= 2.5$

31) $9.9 \div 0.9 =$

2) $4 \times$ $= 1.6$

17) $0.9 \div 3 =$

32) $20 \times 11 =$

3) $11 \times 100 =$

18) $360 \div 60 =$

33) $5 \times 0.3 =$

4) $0.6 \div 2 =$

19) $10 \times 4 =$

34) $60 \times 7 =$

5) $30 \times 10 =$

20) $3 \times$ $= 270$

35) $700 \div 7 =$

6) $5 \div 0.5 =$

21) $1080 \div 12 =$

36) $600 \div 6 =$

7) $1 \times 10 =$

22) $50 \times 6 =$

37) $270 \div 9 =$

8) $0.2 \div 2 =$

23) $7 \times 0.6 =$

38) $8 \times 12 =$

9) $40 \div 10 =$

24) $770 \div 70 =$

39) $630 \div 90 =$

10) $160 \div 2 =$

25) $9 \times 0.9 =$

40) $10 \times$ $= 10$

11) $7 \times 90 =$

26) $2.7 \div 0.9 =$

41) $0.3 \times 9 =$

12) $60 \times 3 =$

27) $240 \div 6 =$

42) $6 \times 100 =$

13) $100 \div 5 =$

28) $70 \times$ $= 770$

43) $640 \div 8 =$

14) $40 \times 8 =$

29) $210 \div 30 =$

44) $120 \div 4 =$

15) $8 \times 3 =$

30) $9 \times 4 =$

45) $11 \times 0.5 =$

Year 6 | Test 4

Name

Date

Time at start of test

Time at end of test

1) $18 \div 3 = \square$

16) $12 \times \square = 96$

31) $5 \times 0.8 = \square$

2) $24 \div 6 = \square$

17) $12 \times 3 = \square$

32) $1.8 \div 0.9 = \square$

3) $0.4 \times 7 = \square$

18) $630 \div 9 = \square$

33) $30 \times 9 = \square$

4) $2 \times 40 = \square$

19) $810 \div 9 = \square$

34) $4.5 \div \square = 9$

5) $6 \times 0.2 = \square$

20) $4 \times \square = 1.6$

35) $0.9 \times 3 = \square$

6) $0.2 \times 4 = \square$

21) $48 \div 12 = \square$

36) $54 \div 6 = \square$

7) $300 \div 6 = \square$

22) $180 \div 20 = \square$

37) $1.2 \div 3 = \square$

8) $21 \div 3 = \square$

23) $40 \times 9 = \square$

38) $7 \times \square = 560$

9) $20 \times 5 = \square$

24) $5 \times 1 = \square$

39) $9 \times 50 = \square$

10) $270 \div 30 = \square$

25) $16 \div 4 = \square$

40) $10.8 \div 0.9 = \square$

11) $2.5 \div 0.5 = \square$

26) $44 \div 4 = \square$

41) $80 \div 40 = \square$

12) $10 \times 80 = \square$

27) $40 \times 3 = \square$

42) $450 \div \square = 5$

13) $10.8 \div 12 = \square$

28) $12 \times 100 = \square$

43) $11 \div 10 = \square$

14) $18 \div 3 = \square$

29) $5 \times 20 = \square$

44) $5 \times 40 = \square$

15) $100 \times 11 = \square$

30) $14 \div 2 = \square$

45) $3.6 \div 12 = \square$

NUMERACY NINJAS

5 MINUTE SKILL CHECK

WEEK 4 SESSION 1 - Answer as many questions as you can in 5 mins

MENTAL STRATEGIES -
do these in your head

TIMESTABLES -
do these in your head

KEY SKILLS - you may use written calculations
for these questions

Q	Question	Answer
1	$3 + 2$	
2	$\square + 25 = 100$	
3	What is half of 8?	
4	$150 - 10$	
5	$191 + \square = 210$	
6	$97 = 60 + \square$	
7	$135 - 132$	
8	$5 \times 8 = 40$, so $40 \div 5 = \square$	
9	Write 20:11 in 12 hour clock format	
10	07:52 is how many minutes after 07:06?	
Total out of 10		

Q	Question	Answer
1	$2 \times 7 = \square$	
2	$6 \div 3 = \square$	
3	$3 \times \square = 21$	
4	$56 \div \square = 8$	
5	$10 \times 9 = \square$	
6	$30 \div 10 = \square$	
7	$\square \times 4 = 16$	
8	$\square \div 9 = 6$	
9	$10 \times 8 = \square$	
10	$90 \div 10 = \square$	
Total out of 10		

Q	Question	Answer
1	What is $\frac{3}{9}$ of 54?	
2	964×9	
3	$1444 - 982$	
4	3.2×8.25	
5	$\frac{8}{10}$ as a decimal number	
6	$82.23 + 7.27$	
7	$36 \div (-6)$	
8	If $a = 1$ $b = 3$ and $c = 4$, what is the value of $4b^3$?	
9	$10 - (-9)$	
10	Is 5 a factor of 21?	
Total out of 10		



What's your **NINJA** Score?
Fill in your scores in the boxes
and calculate it now!

MY **NINJA** BELT:

MENTAL
STRATEGIES:

TIMESTABLES:

KEY SKILLS: +

NINJA SCORE:

Year 6 | Test 1 – Answers

- | | | |
|-------------------------|--------------------------|--------------------------|
| 1) $40 \times 12 = 480$ | 16) $9 \times 0.8 = 7.2$ | 31) $8 \times 30 = 240$ |
| 2) $90 \times 8 = 720$ | 17) $7 \times 80 = 560$ | 32) $20 \times 2 = 40$ |
| 3) $500 \div 10 = 50$ | 18) $80 \div 4 = 20$ | 33) $5 \div 5 = 1$ |
| 4) $480 \div 40 = 12$ | 19) $5 \times 12 = 60$ | 34) $500 \div 5 = 100$ |
| 5) $12 \times 70 = 840$ | 20) $64 \div 8 = 8$ | 35) $9 \times 50 = 450$ |
| 6) $48 \div 8 = 6$ | 21) $24 \div 2 = 12$ | 36) $0.7 \times 5 = 3.5$ |
| 7) $60 \times 3 = 180$ | 22) $3.5 \div 5 = 0.7$ | 37) $960 \div 12 = 80$ |
| 8) $5.5 \div 0.5 = 11$ | 23) $5 \times 0.7 = 3.5$ | 38) $330 \div 11 = 30$ |
| 9) $1 \times 2 = 2$ | 24) $0.8 \times 3 = 2.4$ | 39) $10 \times 0.6 = 6$ |
| 10) $18 \div 9 = 2$ | 25) $7.2 \div 0.8 = 9$ | 40) $0.2 \times 3 = 0.6$ |
| 11) $50 \times 5 = 250$ | 26) $560 \div 7 = 80$ | 41) $9.6 \div 12 = 0.8$ |
| 12) $80 \div 40 = 2$ | 27) $5 \times 0.4 = 2$ | 42) $10 \times 5 = 50$ |
| 13) $24 \div 3 = 8$ | 28) $9 \times 60 = 540$ | 43) $480 \div 40 = 12$ |
| 14) $300 \div 50 = 6$ | 29) $350 \div 70 = 5$ | 44) $7 \times 10 = 70$ |
| 15) $7 \times 1 = 7$ | 30) $1200 \div 100 = 12$ | 45) $2.5 \div 0.5 = 5$ |

Year 6 | Test 2 – Answers

- | | | |
|---------------------------|--------------------------|--------------------------|
| 1) $2 \times 8 = 16$ | 16) $4 \times 80 = 320$ | 31) $4 \times 0.2 = 0.8$ |
| 2) $80 \div 20 = 4$ | 17) $6 \times 110 = 660$ | 32) $5 \times 8 = 40$ |
| 3) $9 \times 0.4 = 3.6$ | 18) $160 \div 80 = 2$ | 33) $30 \times 2 = 60$ |
| 4) $990 \div 90 = 11$ | 19) $270 \div 30 = 9$ | 34) $21 \div 7 = 3$ |
| 5) $0.6 \times 12 = 7.2$ | 20) $0.6 \times 5 = 3$ | 35) $0.6 \div 2 = 0.3$ |
| 6) $360 \div 40 = 9$ | 21) $15 \div 5 = 3$ | 36) $5 \times 100 = 500$ |
| 7) $6 \div 10 = 0.6$ | 22) $80 \times 6 = 480$ | 37) $800 \div 8 = 100$ |
| 8) $0.7 \times 11 = 7.7$ | 23) $8 \div 4 = 2$ | 38) $0.9 \times 3 = 2.7$ |
| 9) $400 \div 50 = 8$ | 24) $6 \times 50 = 300$ | 39) $4.5 \div 5 = 0.9$ |
| 10) $10 \times 0.2 = 2$ | 25) $1.5 \div 0.3 = 5$ | 40) $9 \times 70 = 630$ |
| 11) $900 \div 90 = 10$ | 26) $6 \times 40 = 240$ | 41) $0.7 \times 8 = 5.6$ |
| 12) $0.8 \times 12 = 9.6$ | 27) $2.1 \div 7 = 0.3$ | 42) $200 \div 4 = 50$ |
| 13) $10 \div 1 = 10$ | 28) $12 \times 50 = 600$ | 43) $80 \div 8 = 10$ |
| 14) $7 \times 9 = 63$ | 29) $49 \div 7 = 7$ | 44) $11 \times 20 = 220$ |
| 15) $5.6 \div 7 = 0.8$ | 30) $1.5 \div 5 = 0.3$ | 45) $5 \times 4 = 20$ |

Year 6 | Test 3 – Answers

- | | | |
|---------------------------|--------------------------|---------------------------|
| 1) $2.4 \div 0.2 = 12$ | 16) $0.5 \times 5 = 2.5$ | 31) $9.9 \div 0.9 = 11$ |
| 2) $4 \times 0.4 = 1.6$ | 17) $0.9 \div 3 = 0.3$ | 32) $20 \times 11 = 220$ |
| 3) $11 \times 100 = 1100$ | 18) $360 \div 60 = 6$ | 33) $5 \times 0.3 = 1.5$ |
| 4) $0.6 \div 2 = 0.3$ | 19) $10 \times 4 = 40$ | 34) $60 \times 7 = 420$ |
| 5) $30 \times 10 = 300$ | 20) $3 \times 90 = 270$ | 35) $700 \div 7 = 100$ |
| 6) $5 \div 0.5 = 10$ | 21) $1080 \div 12 = 90$ | 36) $600 \div 6 = 100$ |
| 7) $1 \times 10 = 10$ | 22) $50 \times 6 = 300$ | 37) $270 \div 9 = 30$ |
| 8) $0.2 \div 2 = 0.1$ | 23) $7 \times 0.6 = 4.2$ | 38) $8 \times 12 = 96$ |
| 9) $40 \div 10 = 4$ | 24) $770 \div 70 = 11$ | 39) $630 \div 90 = 7$ |
| 10) $160 \div 2 = 80$ | 25) $9 \times 0.9 = 8.1$ | 40) $10 \times 1 = 10$ |
| 11) $7 \times 90 = 630$ | 26) $2.7 \div 0.9 = 3$ | 41) $0.3 \times 9 = 2.7$ |
| 12) $60 \times 3 = 180$ | 27) $240 \div 6 = 40$ | 42) $6 \times 100 = 600$ |
| 13) $100 \div 5 = 20$ | 28) $70 \times 11 = 770$ | 43) $640 \div 8 = 80$ |
| 14) $40 \times 8 = 320$ | 29) $210 \div 30 = 7$ | 44) $120 \div 4 = 30$ |
| 15) $8 \times 3 = 24$ | 30) $9 \times 4 = 36$ | 45) $11 \times 0.5 = 5.5$ |

Year 6 | Test 4 – Answers

- | | | |
|----------------------------|----------------------------|--------------------------|
| 1) $18 \div 3 = 6$ | 16) $12 \times 8 = 96$ | 31) $5 \times 0.8 = 4$ |
| 2) $24 \div 6 = 4$ | 17) $12 \times 3 = 36$ | 32) $1.8 \div 0.9 = 2$ |
| 3) $0.4 \times 7 = 2.8$ | 18) $630 \div 9 = 70$ | 33) $30 \times 9 = 270$ |
| 4) $2 \times 40 = 80$ | 19) $810 \div 9 = 90$ | 34) $4.5 \div 0.5 = 9$ |
| 5) $6 \times 0.2 = 1.2$ | 20) $4 \times 0.4 = 1.6$ | 35) $0.9 \times 3 = 2.7$ |
| 6) $0.2 \times 4 = 0.8$ | 21) $48 \div 12 = 4$ | 36) $54 \div 6 = 9$ |
| 7) $300 \div 6 = 50$ | 22) $180 \div 20 = 9$ | 37) $1.2 \div 3 = 0.4$ |
| 8) $21 \div 3 = 7$ | 23) $40 \times 9 = 360$ | 38) $7 \times 80 = 560$ |
| 9) $20 \times 5 = 100$ | 24) $5 \times 1 = 5$ | 39) $9 \times 50 = 450$ |
| 10) $270 \div 30 = 9$ | 25) $16 \div 4 = 4$ | 40) $10.8 \div 0.9 = 12$ |
| 11) $2.5 \div 0.5 = 5$ | 26) $44 \div 4 = 11$ | 41) $80 \div 40 = 2$ |
| 12) $10 \times 80 = 800$ | 27) $40 \times 3 = 120$ | 42) $450 \div 90 = 5$ |
| 13) $10.8 \div 12 = 0.9$ | 28) $12 \times 100 = 1200$ | 43) $11 \div 10 = 1.1$ |
| 14) $18 \div 3 = 6$ | 29) $5 \times 20 = 100$ | 44) $5 \times 40 = 200$ |
| 15) $100 \times 11 = 1100$ | 30) $14 \div 2 = 7$ | 45) $3.6 \div 12 = 0.3$ |



Mental Strategies Answers

Q	Question	Answer
1	$3 + 2$	5
2	$\square + 25 = 100$	75
3	What is half of 8?	4
4	$150 - 10$	140
5	$191 + \square = 210$	19
6	$97 = 60 + \square$	37
7	$135 - 132$	3
8	$5 \times 8 = 40$, so $40 \div 5 = \square$	8
9	Write 20:11 in 12 hour clock format	8:11 pm
10	07:52 is how many minutes after 07:06?	46



Timestables Answers

Q	Question	Answer
1	$2 \times 7 = \square$	14
2	$6 \div 3 = \square$	2
3	$3 \times \square = 21$	7
4	$56 \div \square = 8$	7
5	$10 \times 9 = \square$	90
6	$30 \div 10 = \square$	3
7	$\square \times 4 = 16$	4
8	$\square \div 9 = 6$	54
9	$10 \times 8 = \square$	80
10	$90 \div 10 = \square$	9

WHICH NINJA BELT ARE YOU?

Which belt does your NINJA Score earn you?

- 0-3 WHITE
- 4-6 YELLOW
- 7-9 ORANGE
- 10-13 GREEN
- 14-17 BLUE
- 18-21 PURPLE
- 22-25 RED
- 26-29 BROWN
- 30 BLACK

NUMERACY



Key Skills Answers

Q	Question	Answer
1	What is $\frac{3}{9}$ of 54?	18
2	964×9	8676
3	$1444 - 982$	462
4	3.2×8.25	26.4
5	$\frac{8}{10}$ as a decimal number	0.8
6	$82.23 + 7.27$	89.5
7	$36 \div (-6)$	-6
8	If $a = 1$, $b = 3$ and $c = 4$, what is the value of $4b^3$?	108
9	$10 - (-9)$	19
10	Is 5 a factor of 21?	No