

NUMERACY

# NINJAS

## 5 MINUTE SKILL BOOK

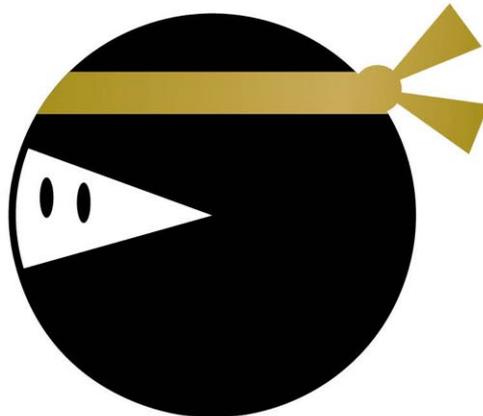
SERIES A - WEEKS 11 TO 20  
1 SESSION PER WEEK

NAME:

.....

CLASS:

.....



WEEK 11 SESSION 1 - Answer as many questions as you can in 5 mins

**MENTAL STRATEGIES** -  
do these in your head

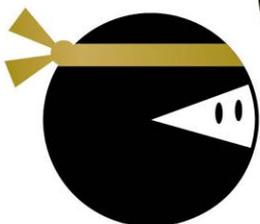
**TIMESTABLES** -  
do these in your head

**KEY SKILLS** - you may use written calculations for  
these questions

Q	Question	Answer
1	$\square + 8 = 10$	
2	What is double 4?	
3	What is half of 70?	
4	$62 + 80 = \square$	
5	$156 + \square = 160$	
6	$17 + 15 = \square$	
7	$6 = 3 + \square$	
8	$14 + 11 = 14 + 6 + \square$	
9	$1 + 896 = \square$	
10	$35 + 91 = 30 + 90 + \square$	
Total out of 10		

Q	Question	Answer
1	$10 \times 8 = \square$	
2	$70 \div 10 = \square$	
3	$16 \div \square = 4$	
4	$20 \div 4 = \square$	
5	$12 \div 6 = \square$	
6	$7 \times \square = 49$	
7	$7 \times \square = 63$	
8	$24 \div \square = 8$	
9	$30 \div 5 = \square$	
10	$\square \div 2 = 9$	
Total out of 10		

Q	Question	Answer
1	$371 \div 7 = \square$	
2	$2 + 9 \div 3$	
3	$17.18 \div 0.2$	
4	$0.04 \times 10$	
5	$70.11 - 23.48$	
6	Simplify 30/60	
7	Difference between 2 and -3	
8	Value of the dot 	
9	What is the value of $15^2$ ?	
10	What is 20% of £100?	
Total out of 10		



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

MENTAL STRATEGIES:

TIMESTABLES:

KEY SKILLS:

 +

MY **NINJA** BELT:

**NINJA** SCORE:

NUMERACY

NINJAS

5 MINUTE SKILL CHECK

Use this space for your  
**KEY SKILLS** workings!



WEEK 12 SESSION 1 - Answer as many questions as you can in 5 mins

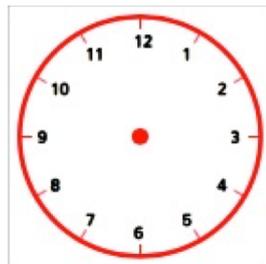
**MENTAL STRATEGIES** -  
do these in your head

**TIMESTABLES** -  
do these in your head

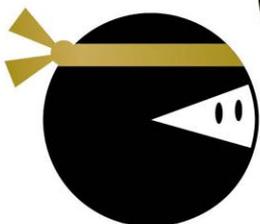
**KEY SKILLS** - you may use written calculations for  
these questions

Q	Question	Answer
1	$\square + 19 = 20$	
2	What is double 60?	
3	$196 + 10 = \square$	
4	$170 - 90 = \square$	
5	$37 + 36 = \square$	
6	$6 = 1 + \square$	
7	$81 = 11 + \square$	
8	$21 - 6 = 21 - 1 - \square$	
9	$\square \times 3 = 3 + 3 + 3$	
10	Draw hands on the clock face showing 4:30 am	
Total out of 10		

Q	Question	Answer
1	$\square \times 3 = 18$	
2	$\square \div 9 = 3$	
3	$3 \times \square = 21$	
4	$\square \div 7 = 5$	
5	$\square \div 7 = 10$	
6	$20 \div 2 = \square$	
7	$5 \times 2 = \square$	
8	$3 \times \square = 30$	
9	$36 \div \square = 4$	
10	$12 \div 6 = \square$	
Total out of 10		



Q	Question	Answer
1	$412 + 7355$	
2	$19 - 6 \times 3$	
3	Write 30964 in words. Use the opposite page for your answer.	
4	$8537.558 \div 1000$	
5	$3 \times (-3)$	
6	Round 5.7318 to 2 decimal places	
7	$7 + (-10)$	
8	Round 0.003524 to 3 s.f.	
9	What is the value of $(-10)$ cubed?	
10	$2/3 = 12/\square$	
Total out of 10		



What's your **NINJA** Score?  
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and calculate it now!

MY **NINJA** BELT:

MENTAL STRATEGIES:

TIMESTABLES:

KEY SKILLS:  +

**NINJA** SCORE:

NUMERACY

NINJAS

5 MINUTE SKILL CHECK

Use this space for your  
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WEEK 13 SESSION 1 - Answer as many questions as you can in 5 mins

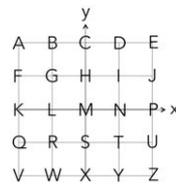
**MENTAL STRATEGIES** -  
do these in your head

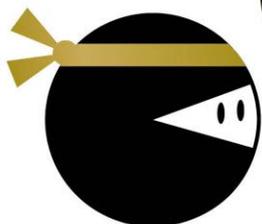
**TIMESTABLES** -  
do these in your head

**KEY SKILLS** - you may use written calculations for  
these questions

Q	Question	Answer
1	$3 + \square = 5$	
2	$100 = 73 + \square$	
3	Halve 6	
4	$86 - 10 = \square$	
5	$5 + \square = 10$	
6	$123 = 40 + \square$	
7	$365 - 357 = \square$	
8	$9 \times 3 = 27$ , so $27 \div 3 = \square$	
9	What is 22:44 in 12 hour clock format?	
10	From 02:35, how many minutes until 02:50?	
Total out of 10		

Q	Question	Answer
1	$\square \times 7 = 70$	
2	$\square \times 2 = 12$	
3	$\square \div 7 = 9$	
4	$7 \times 9 = \square$	
5	$8 \times 5 = \square$	
6	$15 \div \square = 3$	
7	$3 \times 6 = \square$	
8	$35 \div 5 = \square$	
9	$8 \div \square = 4$	
10	$3 \times \square = 12$	
Total out of 10		

Q	Question	Answer
1	$424 \times 56 = \square$	
2	$16277 - 9141$	
3	$7.6 \times 3.6$	
4	3/4 as a decimal number	
5	$12.3 + 8.87$	
6	$(-18) \div 3$	
7	If $a = 8$ $b = 10$ and $c = 6$ , what is the value of $c / (b - a)$ ?	
8	$(-8) - (-6)$	
9	What is the letter at $(-2, 0)$ ?  	
10	What is 1/3 of 6?	
Total out of 10		



What's your **NINJA** Score?  
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MY **NINJA** BELT:

**NINJA** SCORE:

MENTAL  
STRATEGIES:

TIMESTABLES:

KEY SKILLS:  +

NUMERACY

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5 MINUTE SKILL CHECK

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WEEK 14 SESSION 1 - Answer as many questions as you can in 5 mins

**MENTAL STRATEGIES** -  
do these in your head

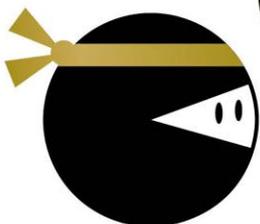
**TIMESTABLES** -  
do these in your head

**KEY SKILLS** - you may use written calculations for  
these questions

Q	Question	Answer
1	$\square + 9 = 10$	
2	What is double 2?	
3	Halve 55	
4	$42 + 30 = \square$	
5	$97 + 96 = \square$	
6	$17 + 11 = 17 + 3 + \square$	
7	$48 - 12 = 48 - 8 - \square$	
8	$296 - 288 = \square$	
9	$5 + 843 = \square$	
10	$84 + 34 = 84 + 30 + \square$	
Total out of 10		

Q	Question	Answer
1	$\square \times 4 = 16$	
2	$5 \times \square = 40$	
3	$\square \times 10 = 70$	
4	$4 \times \square = 32$	
5	$48 \div \square = 6$	
6	$12 \div \square = 6$	
7	$30 \div 10 = \square$	
8	$5 \times 9 = \square$	
9	$\square \times 5 = 20$	
10	$7 \times \square = 56$	
Total out of 10		

Q	Question	Answer
1	$240 \div 8 = \square$	
2	$3 + 8 \div 2$	
3	$56.98 \div 7$	
4	$10 \times 0.21$	
5	$98.76 - 96.78$	
6	Simplify $3/24$	
7	Which is the lowest number, 9 or -1?	
8	List all the factors of 37	
9	What is the positive value of $\sqrt{9}$ ?	
10	What is 120% of £220?	
Total out of 10		



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MENTAL STRATEGIES:

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5 MINUTE SKILL CHECK

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### WEEK 15 SESSION 1 - Answer as many questions as you can in 5 mins

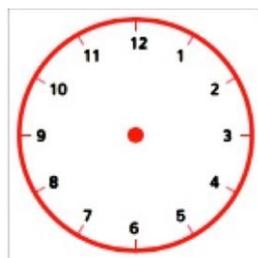
**MENTAL STRATEGIES** -  
do these in your head

**TIMESTABLES** -  
do these in your head

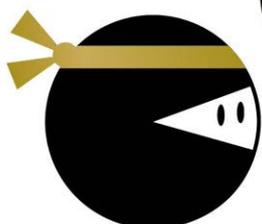
**KEY SKILLS** - you may use written calculations for  
these questions

Q	Question	Answer
1	$20 = 17 + \square$	
2	What is double 90?	
3	$71 + 10 = \square$	
4	$85 - 80 = \square$	
5	$5 = 4 + \square$	
6	$73 + 14 = 73 + 7 + \square$	
7	$31 - 8 = 31 - 1 - \square$	
8	$1 + 276 = \square$	
9	$8 + 8 = \square \times 8$	
10	Draw hands on the clock face showing 7:25 am	
Total out of 10		

Q	Question	Answer
1	$9 \times 3 = \square$	
2	$\square \times 3 = 24$	
3	$63 \div 7 = \square$	
4	$32 \div \square = 4$	
5	$48 \div 6 = \square$	
6	$\square \div 3 = 7$	
7	$\square \div 8 = 9$	
8	$\square \times 10 = 80$	
9	$24 \div 3 = \square$	
10	$15 \div 3 = \square$	
Total out of 10		



Q	Question	Answer
1	$599 + 7063$	
2	$(5 - 2)^2 + 1 \times 4$	
3	Write 70323 in words. Use the opposite page for your answer.	
4	$2.6 \div 100$	
5	$(-2) \times 5$	
6	Round 42.9673 to 2 decimal places	
7	$(-9) + (-4)$	
8	What is the lowest common multiple of 3 and 5?	
9	What is the cube root of 27?	
10	$1/8 = \square/24$	
Total out of 10		



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MENTAL STRATEGIES:

TIMESTABLES:

KEY SKILLS:

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MY **NINJA** BELT:

**NINJA** SCORE:

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5 MINUTE SKILL CHECK

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### WEEK 16 SESSION 1 - Answer as many questions as you can in 5 mins

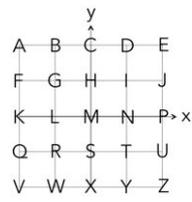
**MENTAL STRATEGIES -**  
do these in your head

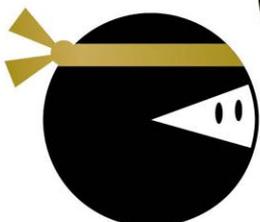
**TIMESTABLES -**  
do these in your head

**KEY SKILLS -** you may use written calculations for these questions

Q	Question	Answer
1	$5 = \square + 4$	
2	$100 = \square + 62$	
3	What is half of 4?	
4	$190 - 10 = \square$	
5	$44 + \square = 50$	
6	$161 = 140 + \square$	
7	$593 - 587 = \square$	
8	$4 \times 7 = 28$ , so $28 \div 7 = \square$	
9	What is 8:45 pm in 24 hour clock format?	
10	4:42 am is how many minutes after 4:24 am?	
Total out of 10		

Q	Question	Answer
1	$\square \times 7 = 42$	
2	$\square \div 8 = 3$	
3	$81 \div \square = 9$	
4	$\square \div 4 = 7$	
5	$18 \div \square = 6$	
6	$35 \div 7 = \square$	
7	$8 \times \square = 80$	
8	$5 \times 9 = \square$	
9	$64 \div 8 = \square$	
10	$10 \times 10 = \square$	
Total out of 10		

Q	Question	Answer
1	$68 \times 37$	
2	$12610 - 7906$	
3	$8.6 \times 1.09$	
4	6/10 as a decimal number	
5	$8.043 + 6.96$	
6	$(-54) \div (-9)$	
7	If $a = 6$ $b = 3$ and $c = 5$ , what is the value of $5a - bc$ ?	
8	Round 8635 to 2 s.f.	
9	What is the letter at (0, -1)? 	
10	What is $\frac{2}{5}$ of 35?	
Total out of 10		



What's your **NINJA** Score?  
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MY **NINJA** BELT:

MENTAL STRATEGIES:

TIMESTABLES:

KEY SKILLS:  +

**NINJA** SCORE:

NUMERACY

NINJAS

5 MINUTE SKILL CHECK

Use this space for your  
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### WEEK 17 SESSION 1 - Answer as many questions as you can in 5 mins

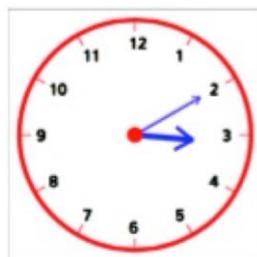
**MENTAL STRATEGIES** -  
do these in your head

**TIMESTABLES** -  
do these in your head

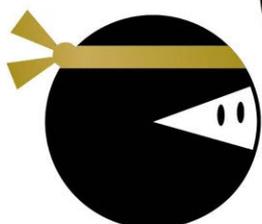
**KEY SKILLS** - you may use written calculations for  
these questions

Q	Question	Answer
1	$10 = \square + 7$	
2	What is double 6?	
3	Halve 41	
4	$129 + 80 = \square$	
5	$85 + 82 = \square$	
6	$61 + 11 = 61 + 9 + \square$	
7	$8 + 134 = \square$	
8	$8 + 8 = \square \times 8$	
9	$49 + 78 = 40 + 70 + \square$	
10	What time is shown on the clock?	am
Total out of 10		

Q	Question	Answer
1	$\square \div 7 = 5$	
2	$30 \div \square = 5$	
3	$\square \times 8 = 24$	
4	$8 \div \square = 2$	
5	$\square \div 4 = 5$	
6	$15 \div 3 = \square$	
7	$2 \times 5 = \square$	
8	$3 \times \square = 9$	
9	$\square \times 3 = 6$	
10	$40 \div 5 = \square$	
Total out of 10		



Q	Question	Answer
1	$295 \div 5$	
2	$6 \times 9 - 40$	
3	$31.05 \div 9$	
4	$5.66 \times 10$	
5	$21.12 - 20.65$	
6	Simplify $20/80$	
7	Which is the highest number, 6 or $-7$ ?	
8	List all the factors of 20	
9	What is the positive value of $\sqrt{225}$ ?	
10	What is 5% of £130?	
Total out of 10		



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MENTAL STRATEGIES:

TIMESTABLES:

KEY SKILLS:  +

MY **NINJA** BELT:

**NINJA** SCORE:

NUMERACY

NINJAS

5 MINUTE SKILL CHECK

Use this space for your  
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### WEEK 18 SESSION 1 - Answer as many questions as you can in 5 mins

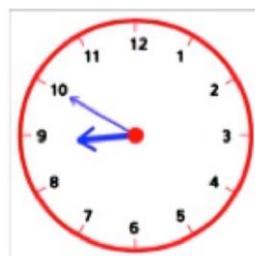
**MENTAL STRATEGIES** -  
do these in your head

**TIMESTABLES** -  
do these in your head

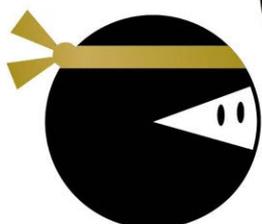
**KEY SKILLS** - you may use written calculations for  
these questions

Q	Question	Answer
1	$\square + 14 = 20$	
2	What is double 76?	
3	$15 + 10 = \square$	
4	$156 - 90 = \square$	
5	$8 = 7 + \square$	
6	$49 - 17 = 49 - 9 - \square$	
7	$\square \times 8 = 8 + 8 + 8 + 8 + 8$	
8	$8 \times 9 = 72$ , so $72 \div 8 = \square$	
9	$37 + 91 = 37 + 90 + \square$	
10	What time is shown on the clock?	am
Total out of 10		

Q	Question	Answer
1	$5 \times \square = 40$	
2	$16 \div 4 = \square$	
3	$21 \div 3 = \square$	
4	$10 \times \square = 30$	
5	$12 \div \square = 6$	
6	$\square \div 4 = 5$	
7	$\square \div 9 = 2$	
8	$\square \div 7 = 3$	
9	$8 \div \square = 4$	
10	$72 \div 8 = \square$	
Total out of 10		



Q	Question	Answer
1	$146 + 4969$	
2	$(2 + 6) \times 4$	
3	Write 492785 in words	
4	$192.53 \div 10$	
5	$(-9) \times (-9)$	
6	Round 90.7114 to 2 decimal places	
7	Value of the dot 	
8	List the first 4 multiples of 6	
9	What is the value of $(-3)$ cubed?	
10	$1/5 = 10/\square$	
Total out of 10		



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MENTAL STRATEGIES:

TIMESTABLES:

KEY SKILLS:

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MY **NINJA** BELT:

**NINJA** SCORE:

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5 MINUTE SKILL CHECK

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WEEK 19 SESSION 1 - Answer as many questions as you can in 5 mins

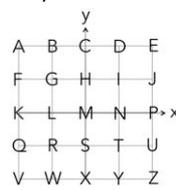
**MENTAL STRATEGIES** -  
do these in your head

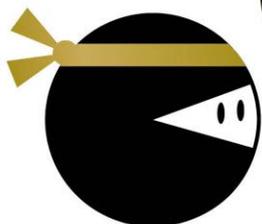
**TIMESTABLES** -  
do these in your head

**KEY SKILLS** - you may use written calculations for  
these questions

Q	Question	Answer
1	$5 = \square + 2$	
2	$100 = \square + 29$	
3	Halve 8	
4	$33 - 10 = \square$	
5	$108 + \square = 110$	
6	$178 = 158 + \square$	
7	$986 - 983 = \square$	
8	$8 \times 9 = 72$ , so $72 \div 9 = \square$	
9	What is 21:57 in 12 hour clock format?	
10	What time will it be 41 minutes after 6:07 pm?	
Total out of 10		

Q	Question	Answer
1	$\square \times 4 = 32$	
2	$\square \div 5 = 5$	
3	$9 \times 4 = \square$	
4	$15 \div \square = 3$	
5	$2 \times 8 = \square$	
6	$7 \times 8 = \square$	
7	$30 \div \square = 10$	
8	$3 \times \square = 6$	
9	$10 \times 3 = \square$	
10	$\square \div 2 = 5$	
Total out of 10		

Q	Question	Answer
1	$16 \times 99 = \square$	
2	$17049 - 9545$	
3	$1.8 \times 8.8$	
4	$1.29 = \square\%$	
5	$68.3 + 7.24$	
6	$(-4) \div (-1)$	
7	$(-8) + (-5)$	
8	Round 8939 to 3 s.f.	
9	What is the letter at (2, -2)?  	
10	What is $\frac{5}{8}$ of 24?	
Total out of 10		



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MENTAL  
STRATEGIES:

TIMESTABLES:

KEY SKILLS:

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MY **NINJA** BELT:

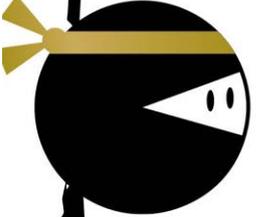
**NINJA** SCORE:

NUMERACY

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5 MINUTE SKILL CHECK

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WEEK 20 SESSION 1 - Answer as many questions as you can in 5 mins

**MENTAL STRATEGIES** -  
do these in your head

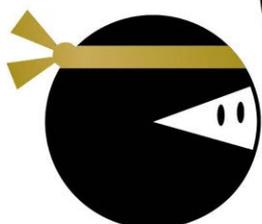
**TIMESTABLES** -  
do these in your head

**KEY SKILLS** - you may use written calculations for  
these questions

Q	Question	Answer
1	$\square + 2 = 5$	
2	$\square + 7 = 10$	
3	What is double 6?	
4	Halve 72	
5	$120 + 20 = \square$	
6	$98 + 100 = \square$	
7	$15 + 11 = 15 + 5 + \square$	
8	$5 + 626 = \square$	
9	$54 + 65 = 50 + 60 + \square$	
10	What is 4:17 pm in 24 hour clock format?	
Total out of 10		

Q	Question	Answer
1	$5 \times 2 = \square$	
2	$\square \times 6 = 48$	
3	$2 \times 8 = \square$	
4	$\square \times 7 = 42$	
5	$\square \div 6 = 10$	
6	$35 \div \square = 5$	
7	$\square \div 7 = 2$	
8	$\square \div 6 = 10$	
9	$10 \div 5 = \square$	
10	$10 \times \square = 40$	
Total out of 10		

Q	Question	Answer
1	$496 \div 8 = \square$	
2	$4 \div 4 + 3$	
3	$293.58 \div 9$	
4	$10 \times 80.859$	
5	$90 - 4.04$	
6	Write 25/30 in its simplest form	
7	$(-1) - (-5)$	
8	List all the factors of 38	
9	What is the positive square root of 121?	
10	What is 50% of £30?	
Total out of 10		



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