

NUMERACY NINJAS

5 MINUTE SKILL BOOK

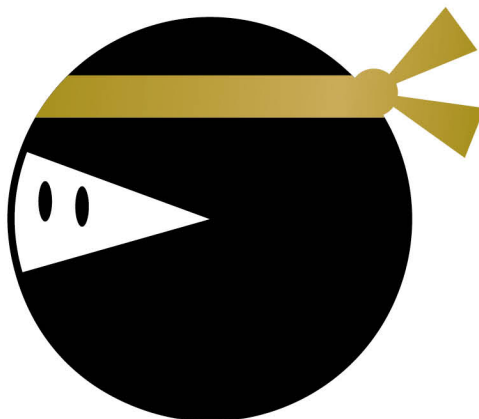
SERIES A - WEEKS 1 TO 10
1 SESSION PER WEEK

NAME:

.....

CLASS:

.....



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

MENTAL STRATEGIES -
do these in your head

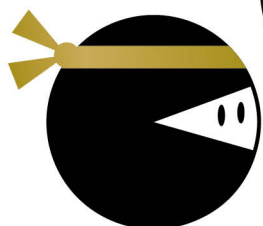
TIMESTABLES -
do these in your head

KEY SKILLS - you may use written calculations
for these questions

Q	Question	Answer
1	$2 + 3$	
2	$89 + 11$	
3	What is half of 6?	
4	$125 - 10$	
5	$177 + \square = 270$	
6	$53 = 23 + \square$	
7	$805 - 804$	
8	$4 \times 1 = 4$, so $4 \div 4 = \square$	
9	Write 20:12 in 12 hour clock format	
10	9:37 pm is how many minutes after 9:08 pm?	
Total out of 10		

Q	Question	Answer
1	$2 \times 9 = \square$	
2	$24 \div 3 = \square$	
3	$10 \times \square = 80$	
4	$6 \div \square = 3$	
5	$1 \times 2 = \square$	
6	$28 \div 7 = \square$	
7	$\square \times 6 = 54$	
8	$\square \div 2 = 5$	
9	$3 \times 9 = \square$	
10	$4 \div 4 = \square$	
Total out of 10		

Q	Question	Answer
1	61×31	
2	$657 - 382$	
3	7.2×94.2	
4	0.7 as a fraction	
5	$46.15 + 5.08$	
6	$(-40) \div (-4)$	
7	If $a = 4$, $b = 3$ and $c = 1$, what is the value of $3a - b^2$?	
8	$3 - (-5)$	
9	What is the highest common factor of 12 and 4?	
10	What is the value of 13 squared?	
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:

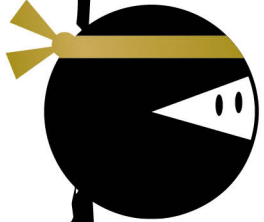
NINJA SCORE:

NUMERACY

NINJAS

5 MINUTE SKILL CHECK

Use this space for your
KEY SKILLS workings!



WEEK 2 SESSION 1 - Answer as many questions as you can in 5 mins

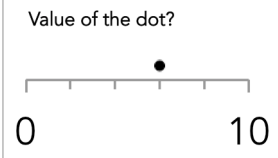
MENTAL STRATEGIES -
do these in your head

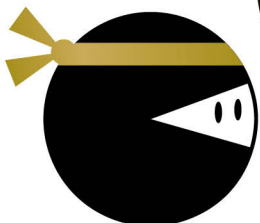
TIMESTABLES -
do these in your head

KEY SKILLS - you may use written calculations
for these questions

Q	Question	Answer
1	$\square + 6 = 10$	
2	What is double 5?	
3	Halve 63	
4	$26 + 30$	
5	$98 + 99$	
6	$22 + 10 = 22 + 8 + \square$	
7	$3 + 223$	
8	$20 + 61 = 20 + 60 + \square$	
9	$\square + 3 = 5$	
10	$\square + 2 = 20$	
Total out of 10		

Q	Question	Answer
1	$9 \times 5 = \square$	
2	$10 \div 2 = \square$	
3	$8 \times \square = 8$	
4	$16 \div \square = 4$	
5	$8 \times 4 = \square$	
6	$15 \div 3 = \square$	
7	$\square \times 2 = 12$	
8	$\square \div 7 = 1$	
9	$5 \times 8 = \square$	
10	$14 \div 2 = \square$	
Total out of 10		

Q	Question	Answer
1	$3905 \div 5$	
2	$7 + 25 \div 5$	
3	$2.013 \div 0.1$	
4	2.26×1000	
5	$34 - 0.74$	
6	Write $56/72$ in its simplest form	
7	Difference between 4 and -4	
8	Value of the dot? 	
9	What is the lowest common multiple of 4 and 5?	
10	What is the cube root of 27?	
Total out of 10		



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STRATEGIES:

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MY **NINJA** BELT:

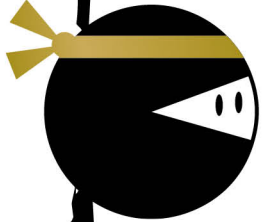
NINJA SCORE:

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WEEK 3 SESSION 1 - Answer as many questions as you can in 5 mins

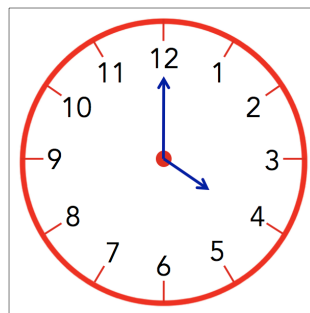
MENTAL STRATEGIES -
do these in your head

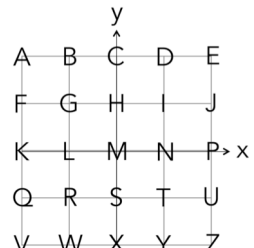
TIMESTABLES -
do these in your head

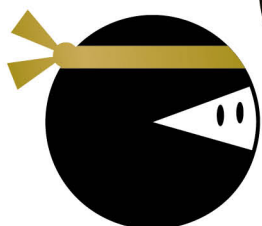
KEY SKILLS - you may use written calculations
for these questions

Q	Question	Answer
1	$\square + 13 = 20$	
2	Double 96	
3	$79 + 10$	
4	$120 - 80$	
5	$8 = 7 + \square$	
6	$13 - 10 = 13 - 3 - \square$	
7	$85 + 85 = 85 \times \square$	
8	What is the time on the clock?	am
9	$8 + 2$	
10	$81 + \square = 100$	
Total out of 10		

Q	Question	Answer
1	$6 \times 6 = \square$	
2	$3 \div 3 = \square$	
3	$4 \times \square = 32$	
4	$4 \div \square = 4$	
5	$5 \times 4 = \square$	
6	$45 \div 9 = \square$	
7	$\square \times 7 = 28$	
8	$\square \div 6 = 9$	
9	$4 \times 5 = \square$	
10	$48 \div 8 = \square$	
Total out of 10		



Q	Question	Answer
1	$2757 + 5432$	
2	$4^2 + 2 \times 4$	
3	Write Four Thousand, Three Hundred and Twenty in digits	
4	$5.94 \div 10$	
5	$1 \times (-8)$	
6	Round 0.7475 to 1 d.p.	
7	$1 + (-9)$	
8	Round 0.4559 to 2 s.f.	
9	Letter at (-2, -2) 	
10	$10/1 = \square/4$	
Total out of 10		



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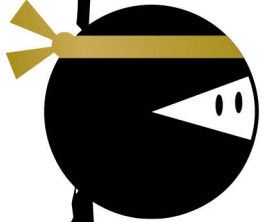
NINJA SCORE:

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NINJAS

5 MINUTE SKILL CHECK

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

MENTAL STRATEGIES -
do these in your head

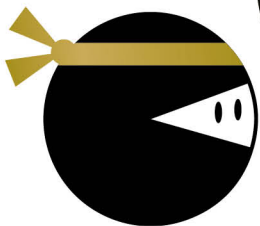
TIMESTABLES -
do these in your head

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		



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MY **NINJA** BELT:

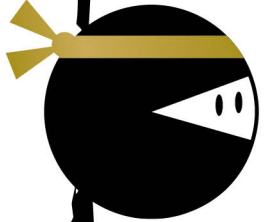
NINJA SCORE:

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5 MINUTE SKILL CHECK

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


MENTAL STRATEGIES -
do these in your head

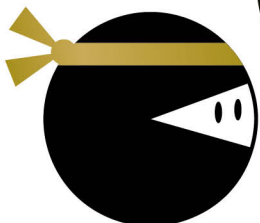
TIMESTABLES -
do these in your head

KEY SKILLS - you may use written calculations
for these questions

Q	Question	Answer
1	$\square + 9 = 10$	
2	What is double 6?	
3	Halve 24	
4	$143 + 60$	
5	$94 + 97$	
6	$41 + 10 = 41 + 9 + \square$	
7	$1 + 700$	
8	$31 + 47 = 30 + 40 + \square$	
9	What is double 56?	
10	What is half of 4?	
Total out of 10		

Q	Question	Answer
1	$7 \times 10 = \square$	
2	$21 \div 3 = \square$	
3	$3 \times \square = 18$	
4	$5 \div \square = 1$	
5	$1 \times 2 = \square$	
6	$30 \div 3 = \square$	
7	$\square \times 2 = 8$	
8	$\square \div 3 = 6$	
9	$3 \times 6 = \square$	
10	$63 \div 7 = \square$	
Total out of 10		

Q	Question	Answer
1	What is 25% of £190?	
2	$6146 \div 7$	
3	$4 + 5 \times 1$	
4	$462.2 \div 5$	
5	1000×0.64	
6	$69.12 - 9.2$	
7	Write $35/49$ in its simplest form	
8	$10 - 10$	
9	<div>Value of the dot?</div> 	
10	What is the lowest common multiple of 6 and 8?	
Total out of 10		



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STRATEGIES:

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KEY SKILLS:

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MY **NINJA** BELT:

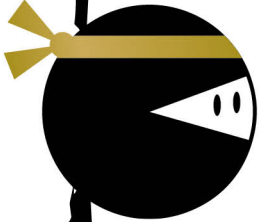
NINJA SCORE:

NUMERACY

NINJAS

5 MINUTE SKILL CHECK

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WEEK 6 SESSION 1 - Answer as many questions as you can in 5 mins

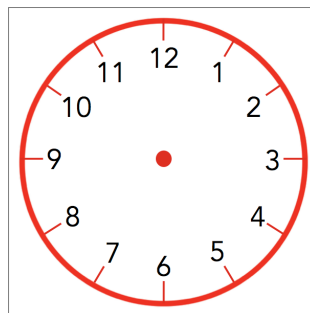
MENTAL STRATEGIES -
do these in your head

TIMESTABLES -
do these in your head

KEY SKILLS - you may use written calculations
for these questions

Q	Question	Answer
1	$17 + \square = 20$	
2	What is double 36?	
3	$89 + 10$	
4	$143 - 20$	
5	$5 = 4 + \square$	
6	$14 - 7 = 14 - 4 - \square$	
7	$56 + 56 = \square \times 56$	
8	Draw hands on the clock face showing 7:05 pm	
9	What is double 9?	
10	Halve 48	
Total out of 10		

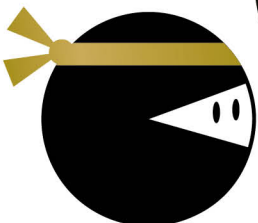
Q	Question	Answer
1	$5 \times 10 = \square$	
2	$18 \div 6 = \square$	
3	$9 \times \square = 63$	
4	$32 \div \square = 4$	
5	$5 \times 9 = \square$	
6	$3 \div 3 = \square$	
7	$\square \times 3 = 24$	
8	$\square \div 3 = 10$	
9	$1 \times 3 = \square$	
10	$10 \div 5 = \square$	
Total out of 10		



Q	Question	Answer
1	What is the value of (-15) squared?	
2	$986 + 3175$	
3	$\sqrt{64} + 8 \div 8$	
4	Write 780026 in words. (Use the opposite page for your answer)	
5	$13.089 \div 1000$	
6	$(-1) \times (-6)$	
7	Round 6.5254 to 2 d.p.	
8	$10 + (-5)$	
9	Round 0.006435 to 1 s.f.	
10	Letter at (-2, -2)	
Total out of 10		

		y		
A	B	C	D	E
F	G	H	I	J
K	L	M	N	P > x
Q	R	S	T	U
V	W	X	Y	Z

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



MENTAL STRATEGIES:

TIMESTABLES:

KEY SKILLS:

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MY **NINJA** BELT:

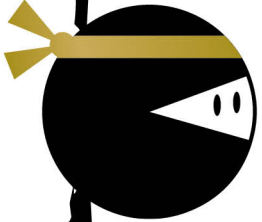
NINJA SCORE:

NUMERACY

NINJAS

5 MINUTE SKILL CHECK

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WEEK 7 SESSION 1 - Answer as many questions as you can in 5 mins

MENTAL STRATEGIES -
do these in your head

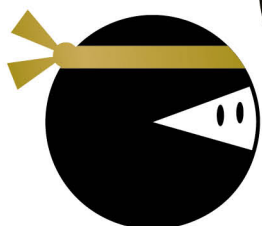
TIMESTABLES -
do these in your head

KEY SKILLS - you may use written calculations
for these questions

Q	Question	Answer
1	$4 + 1$	
2	$66 + \square = 100$	
3	What is half of 6?	
4	$122 - 10$	
5	$56 + \square = 90$	
6	$56 = 26 + \square$	
7	$199 - 194$	
8	$10 \times 5 = 50$, so $50 \div 10 = \square$	
9	Write 2:15 pm in 24 hour clock format	
10	From 15:09, how many minutes until 15:30?	
Total out of 10		

Q	Question	Answer
1	$9 \times 5 = \square$	
2	$60 \div 6 = \square$	
3	$2 \times \square = 16$	
4	$10 \div \square = 1$	
5	$9 \times 10 = \square$	
6	$12 \div 2 = \square$	
7	$\square \times 5 = 20$	
8	$\square \div 4 = 6$	
9	$8 \times 3 = \square$	
10	$18 \div 6 = \square$	
Total out of 10		

Q	Question	Answer
1	List all the factors of 2	
2	What is $\frac{1}{2}$ of 8?	
3	65×38	
4	$11661 - 7509$	
5	8.2×3.5	
6	173.2% as a decimal number	
7	$13 + 4.5$	
8	$40 \div (-10)$	
9	If $a = 4$ $b = 5$ and $c = 7$, what is the value of $3b - 2a$?	
10	$7 - (-5)$	
Total out of 10		



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MENTAL
STRATEGIES:

TIMESTABLES:

KEY SKILLS:

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MY **NINJA** BELT:

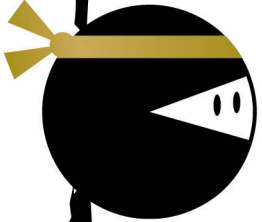
NINJA SCORE:

NUMERACY

NINJAS

5 MINUTE SKILL CHECK

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WEEK 8 SESSION 1 - Answer as many questions as you can in 5 mins

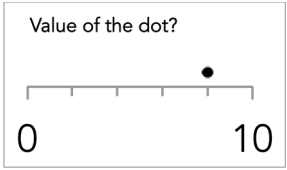
MENTAL STRATEGIES -
do these in your head

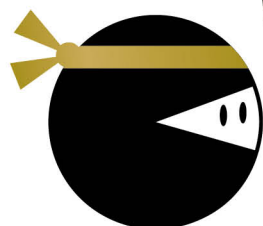
TIMESTABLES -
do these in your head

KEY SKILLS - you may use written calculations
for these questions

Q	Question	Answer
1	$8 + 2$	
2	What is double 4?	
3	What is half of 33?	
4	$174 + 70$	
5	$57 + 58$	
6	$68 + 11 = 68 + 2 + \square$	
7	$5 + 822$	
8	$79 + 52 = 79 + 50 + \square$	
9	$152 + 10$	
10	$44 - 10$	
Total out of 10		

Q	Question	Answer
1	$6 \times 7 = \square$	
2	$2 \div 2 = \square$	
3	$10 \times \square = 90$	
4	$2 \div \square = 1$	
5	$4 \times 5 = \square$	
6	$45 \div 9 = \square$	
7	$\square \times 6 = 42$	
8	$\square \div 2 = 3$	
9	$9 \times 1 = \square$	
10	$7 \div 7 = \square$	
Total out of 10		

Q	Question	Answer
1	List the first 4 multiples of 5	
2	What is 65% of £100?	
3	$4890 \div 5$	
4	$8 + 4 \div 1$	
5	$5.4 \div 2$	
6	100×0.97	
7	$26.93 - 4.83$	
8	Simplify $3/18$	
9	$(-7) + 2$	
10	<div>Value of the dot?</div> 	
Total out of 10		



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MENTAL
STRATEGIES:

TIMESTABLES:

KEY SKILLS:

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MY **NINJA** BELT:

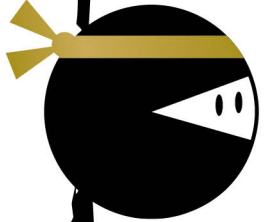
NINJA SCORE:

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5 MINUTE SKILL CHECK

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WEEK 9 SESSION 1 - Answer as many questions as you can in 5 mins

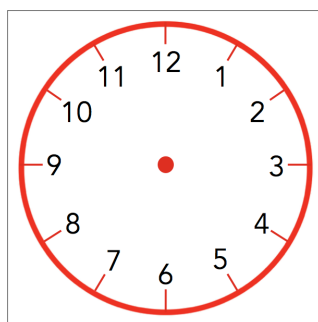
MENTAL STRATEGIES -
do these in your head

TIMESTABLES -
do these in your head

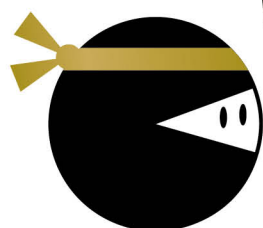
KEY SKILLS - you may use written calculations
for these questions

Q	Question	Answer
1	$\square + 12 = 20$	
2	What is double 94?	
3	$168 + 10$	
4	$45 - 20$	
5	$9 = 3 + \square$	
6	$14 - 6 = 14 - 4 - \square$	
7	$39 = 39 \times \square$	
8	Draw hands on the clock face showing 11:10 pm	
9	$63 - 10$	
10	$197 + 40$	
Total out of 10		

Q	Question	Answer
1	$7 \times 3 = \square$	
2	$80 \div 10 = \square$	
3	$3 \times \square = 9$	
4	$16 \div \square = 8$	
5	$10 \times 2 = \square$	
6	$16 \div 8 = \square$	
7	$\square \times 9 = 9$	
8	$\square \div 7 = 7$	
9	$4 \times 8 = \square$	
10	$20 \div 4 = \square$	
Total out of 10		



Q	Question	Answer
1	What is the value of 4^3 ?	
2	$1/5 = 9/\square$	
3	$3903 + 6770$	
4	$(8 + 3) \times 5$	
5	Write 881034 in words. (Use the opposite page for your answer)	
6	$0.98 \div 100$	
7	$(-5) \times (-8)$	
8	Round 6.5893 to 2 d.p.	
9	$5 + (-8)$	
10	Round 423 to 2 s.f.	
Total out of 10		



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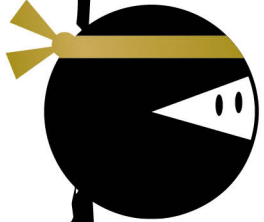
NINJA SCORE:

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NINJAS

5 MINUTE SKILL CHECK

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WEEK 10 SESSION 1 - Answer as many questions as you can in 5 mins

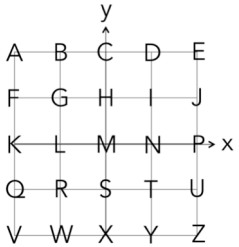
MENTAL STRATEGIES -
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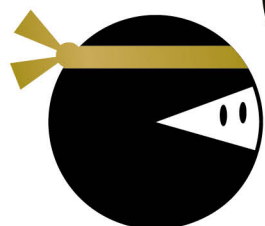
TIMESTABLES -
do these in your head

KEY SKILLS - you may use written calculations
for these questions

Q	Question	Answer
1	$4 + \square = 5$	
2	$31 + \square = 100$	
3	What is half of 6?	
4	$20 - 10$	
5	$84 + \square = 120$	
6	$93 = 33 + \square$	
7	$423 - 418$	
8	$8 \times 10 = 80$, so $80 \div 8 = \square$	
9	Write 22:11 in 12 hour clock format	
10	12:25 is how many minutes after 12:20?	
Total out of 10		

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

Q	Question	Answer
1	$(-4) - (-9)$	
2	Letter at $(-2, -1)$ 	
3	What is $1/1$ of 10?	
4	4×607	
5	$1270 - 914$	
6	3×2	
7	$93/100 = \square\%$	
8	$3.66 + 35.33$	
9	$5 \div (-5)$	
10	If $a = 3$, $b = 1$ and $c = 6$, what is the value of $a^2b^3 + 2c$?	
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!

