

NUMERACY

NINJAS

5 MINUTE SKILL BOOK

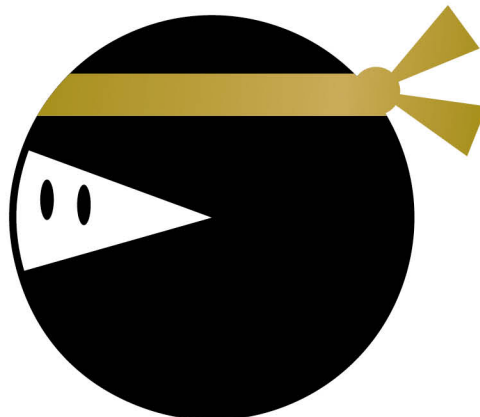
SERIES A - WEEKS 1 TO 10
2 SESSIONS PER WEEK

NAME:

.....

CLASS:

.....



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

MENTAL STRATEGIES -
do these in your head

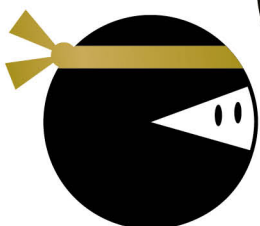
TIMESTABLES -
do these in your head

KEY SKILLS - you may use written calculations
for these questions

Q	Question	Answer
1	$\square + 4 = 5$	
2	$38 + 62$	
3	What is half of 2?	
4	$128 - 10$	
5	$120 + \square = 210$	
6	$124 = 90 + \square$	
7	$610 - 606$	
8	$1 \times 7 = 7$, so $7 \div 1 = \square$	
9	Write 11:07 am in 24 hour clock format	
10	From 3:01 am, how many minutes until 3:19 am?	
Total out of 10		

Q	Question	Answer
1	$2 \times 9 = \square$	
2	$30 \div 5 = \square$	
3	$10 \times \square = 100$	
4	$54 \div \square = 6$	
5	$10 \times 7 = \square$	
6	$40 \div 10 = \square$	
7	$\square \times 5 = 15$	
8	$\square \div 8 = 8$	
9	$5 \times 1 = \square$	
10	$24 \div 3 = \square$	
Total out of 10		

Q	Question	Answer
1	81×98	
2	$1596 - 837$	
3	9.1×13.13	
4	20% as a fraction	
5	$4.98 + 15.59$	
6	$(-18) \div 3$	
7	If $a = 7$, $b = 5$ and $c = 3$, what is the value of $3b^2$?	
8	$(-1) - (-4)$	
9	Is 2 a factor of 12?	
10	What is the positive value of $\sqrt{64}$?	
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:

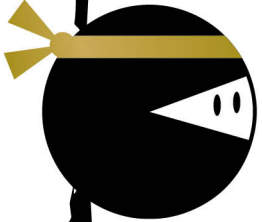
NINJA SCORE:

NUMERACY

NINJAS

5 MINUTE SKILL CHECK

Use this space for your
KEY SKILLS workings!



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

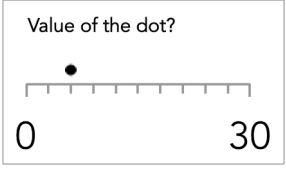
MENTAL STRATEGIES -
do these in your head

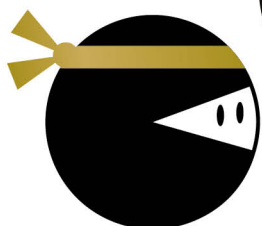
TIMESTABLES -
do these in your head

KEY SKILLS - you may use written calculations
for these questions

Q	Question	Answer
1	$6 + \square = 10$	
2	What is double 7?	
3	Halve 31	
4	$103 + 60$	
5	$76 + 77$	
6	$43 + 9 = 43 + 7 + \square$	
7	$5 + 142$	
8	$95 + 13 = 90 + 10 + \square$	
9	$3 + 2$	
10	$3 + \square = 20$	
Total out of 10		

Q	Question	Answer
1	$9 \times 3 = \square$	
2	$63 \div 9 = \square$	
3	$10 \times \square = 20$	
4	$30 \div \square = 10$	
5	$10 \times 8 = \square$	
6	$64 \div 8 = \square$	
7	$\square \times 2 = 16$	
8	$\square \div 7 = 6$	
9	$4 \times 3 = \square$	
10	$72 \div 9 = \square$	
Total out of 10		

Q	Question	Answer
1	$608 \div 4$	
2	$1 + 4 \times 2$	
3	$42.4 \div 8$	
4	0.86×1000	
5	$27.39 - 2.59$	
6	Write $72/80$ in its simplest form	
7	Which is the lowest number, 2 or -10?	
8	Value of the dot? 	
9	What is the lowest common multiple of 3 and 4?	
10	What is the value of (-5) cubed?	
Total out of 10		



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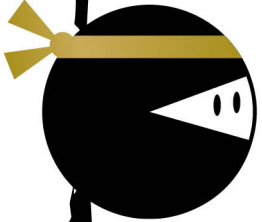
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WEEK 3 SESSION 2 - Answer as many questions as you can in 5 mins

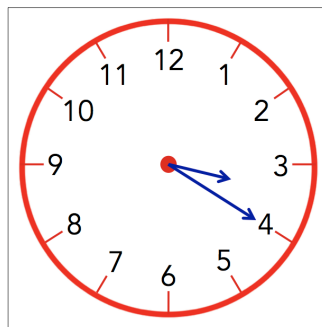
MENTAL STRATEGIES -
do these in your head

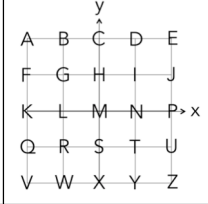
TIMESTABLES -
do these in your head

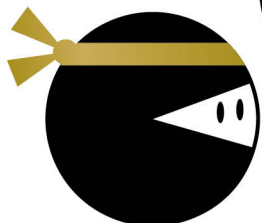
KEY SKILLS - you may use written calculations
for these questions

Q	Question	Answer
1	$20 + \square = 20$	
2	Double 53	
3	$51 + 10$	
4	$100 - 10$	
5	$8 = 4 + \square$	
6	$70 - 11 = 70 - 10 - \square$	
7	$7 + 7 + 7 + 7 = \square \times 7$	
8	What is the time on the clock?	pm
9	$1 + \square = 10$	
10	$66 + 34$	
Total out of 10		

Q	Question	Answer
1	$2 \times 3 = \square$	
2	$7 \div 1 = \square$	
3	$8 \times \square = 80$	
4	$16 \div \square = 4$	
5	$9 \times 5 = \square$	
6	$35 \div 7 = \square$	
7	$\square \times 9 = 81$	
8	$\square \div 10 = 2$	
9	$8 \times 2 = \square$	
10	$63 \div 9 = \square$	
Total out of 10		



Q	Question	Answer
1	$271 + 8501$	
2	$(8 - 2)^2 + 3 \times 4$	
3	Write 4335000 in words. (Use the opposite page for your answer)	
4	$0.8 \div 100$	
5	$(-1) \times (-9)$	
6	Round 61.9361 to 3 d.p.	
7	$(-7) + (-4)$	
8	Round 3096 to 1 s.f.	
9	Letter at (-1, 1) 	
10	$7/5 = 35/\square$	
Total out of 10		



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MENTAL STRATEGIES:

TIMESTABLES:

KEY SKILLS: +

MY **NINJA** BELT:

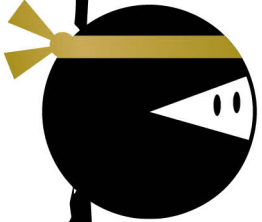
NINJA SCORE:

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5 MINUTE SKILL CHECK

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WEEK 4 SESSION 2 - Answer as many questions as you can in 5 mins

MENTAL STRATEGIES -
do these in your head

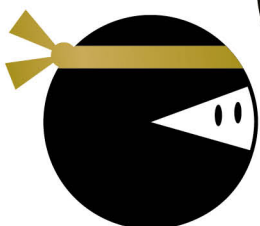
TIMESTABLES -
do these in your head

KEY SKILLS - you may use written calculations
for these questions

Q	Question	Answer
1	$2 + \square = 5$	
2	$54 + 46$	
3	Halve 6	
4	$184 - 10$	
5	$91 + \square = 150$	
6	$83 = 60 + \square$	
7	$931 - 926$	
8	$9 \times 5 = 45$, so $45 \div 5 = \square$	
9	Write 8:13 am in 24 hour clock format	
10	From 2:46 am, how many minutes until 3:22 am?	
Total out of 10		

Q	Question	Answer
1	$10 \times 10 = \square$	
2	$8 \div 8 = \square$	
3	$5 \times \square = 40$	
4	$20 \div \square = 5$	
5	$9 \times 8 = \square$	
6	$80 \div 8 = \square$	
7	$\square \times 6 = 18$	
8	$\square \div 7 = 10$	
9	$2 \times 8 = \square$	
10	$12 \div 6 = \square$	
Total out of 10		

Q	Question	Answer
1	What is $\frac{1}{3}$ of 12?	
2	6×225	
3	$6543 - 5498$	
4	9.8×4.8	
5	100% as a decimal number	
6	$1.23 + 46.27$	
7	$(-24) \div (-3)$	
8	If $a = 7$ $b = 7$ and $c = 2$, what is the value of $ac / 2b$?	
9	$(-3) - (-7)$	
10	What is the highest common factor of 23 and 20?	
Total out of 10		



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MENTAL
STRATEGIES:

TIMESTABLES:

KEY SKILLS:

 +

MY **NINJA** BELT:

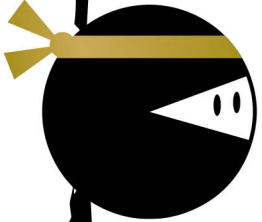
NINJA SCORE:

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5 MINUTE SKILL CHECK

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

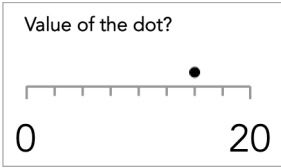
MENTAL STRATEGIES -
do these in your head

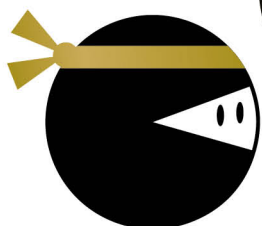
TIMESTABLES -
do these in your head

KEY SKILLS - you may use written calculations
for these questions

Q	Question	Answer
1	$\square + 5 = 10$	
2	What is double 7?	
3	Halve 57	
4	$93 + 30$	
5	$82 + 84$	
6	$87 + 11 = 87 + 3 + \square$	
7	$1 + 487$	
8	$14 + 40 = 14 + 40 + \square$	
9	What is double 79?	
10	What is half of 7?	
Total out of 10		

Q	Question	Answer
1	$2 \times 2 = \square$	
2	$9 \div 3 = \square$	
3	$8 \times \square = 16$	
4	$35 \div \square = 5$	
5	$2 \times 1 = \square$	
6	$10 \div 2 = \square$	
7	$\square \times 6 = 48$	
8	$\square \div 8 = 6$	
9	$9 \times 3 = \square$	
10	$70 \div 7 = \square$	
Total out of 10		

Q	Question	Answer
1	What is 45% of £140?	
2	$3996 \div 4$	
3	$5 + 10 \times 3$	
4	$7.474 \div 0.2$	
5	0.939×1000	
6	$96.54 - 8.01$	
7	Simplify $2/18$	
8	Difference between -10 and 9	
9	Value of the dot? 	
10	What is the lowest common multiple of 7 and 8?	
Total out of 10		



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MENTAL STRATEGIES:

TIMESTABLES:

KEY SKILLS: +

MY **NINJA** BELT:

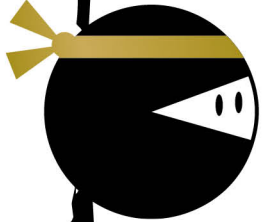
NINJA SCORE:

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5 MINUTE SKILL CHECK

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WEEK 6 SESSION 2 - Answer as many questions as you can in 5 mins

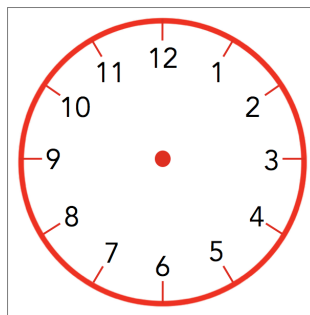
MENTAL STRATEGIES -
do these in your head

TIMESTABLES -
do these in your head

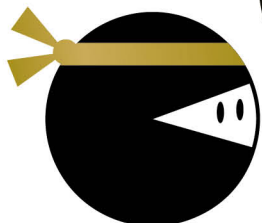
KEY SKILLS - you may use written calculations
for these questions

Q	Question	Answer
1	$8 + \square = 20$	
2	Double 49	
3	$69 + 10$	
4	$196 - 80$	
5	$6 = 3 + \square$	
6	$53 - 8 = 53 - 3 - \square$	
7	$9 = 9 \times \square$	
8	Draw hands on the clock face showing quarter to nine	
9	What is double 8?	
10	Halve 14	
Total out of 10		

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



Q	Question	Answer																														
1	What is the value of 15 squared?																															
2	$3530 + 6819$																															
3	$(8 - 2) \times 2$																															
4	Write Twenty Four Thousand, Three Hundred in digits																															
5	$43.537 \div 100$																															
6	$(-8) \times 1$																															
7	Round 22.7383 to 1 d.p.																															
8	$2 + (-7)$																															
9	Round 275 to 1 s.f.																															
10	Letter at (2, 1) <table style="margin-left: 20px; border-collapse: collapse;"> <tr> <td></td> <td></td> <td style="text-align: center;">y</td> <td></td> <td></td> </tr> <tr> <td>A</td> <td>B</td> <td style="text-align: center;">C</td> <td>D</td> <td>E</td> </tr> <tr> <td>F</td> <td>G</td> <td>H</td> <td>I</td> <td>J</td> </tr> <tr> <td>K</td> <td>L</td> <td>M</td> <td>N</td> <td>P > x</td> </tr> <tr> <td>Q</td> <td>R</td> <td>S</td> <td>T</td> <td>U</td> </tr> <tr> <td>V</td> <td>W</td> <td>X</td> <td>Y</td> <td>Z</td> </tr> </table>			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	
		y																														
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F	G	H	I	J																												
K	L	M	N	P > x																												
Q	R	S	T	U																												
V	W	X	Y	Z																												
Total out of 10																																



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MENTAL STRATEGIES:

TIMESTABLES:

KEY SKILLS:

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MY **NINJA** BELT:

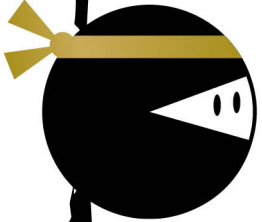
NINJA SCORE:

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5 MINUTE SKILL CHECK

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WEEK 7 SESSION 2 - Answer as many questions as you can in 5 mins

MENTAL STRATEGIES -
do these in your head

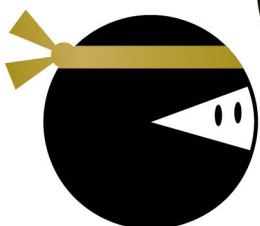
TIMESTABLES -
do these in your head

KEY SKILLS - you may use written calculations
for these questions

Q	Question	Answer
1	$3 + 2$	
2	$75 + \square = 100$	
3	Halve 2	
4	$159 - 10$	
5	$61 + \square = 130$	
6	$96 = 60 + \square$	
7	$712 - 711$	
8	$1 \times 9 = 9$, so $9 \div 1 = \square$	
9	Write 17:39 in 12 hour clock format	
10	From 01:49, how many minutes until 02:29?	
Total out of 10		

Q	Question	Answer
1	$2 \times 6 = \square$	
2	$28 \div 7 = \square$	
3	$4 \times \square = 36$	
4	$24 \div \square = 4$	
5	$6 \times 7 = \square$	
6	$8 \div 8 = \square$	
7	$\square \times 8 = 40$	
8	$\square \div 2 = 7$	
9	$3 \times 8 = \square$	
10	$8 \div 8 = \square$	
Total out of 10		

Q	Question	Answer
1	What is the highest common factor of 11 and 3?	
2	What is $\frac{4}{5}$ of 5?	
3	5×666	
4	$18897 - 9897$	
5	4.61×5	
6	17% as a decimal number	
7	$11 + 8.69$	
8	$(-8) \div 2$	
9	If $a = 2$, $b = 2$ and $c = 8$, what is the value of $ac^2 + 2$?	
10	$6 - (-8)$	
Total out of 10		



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KEY SKILLS: +

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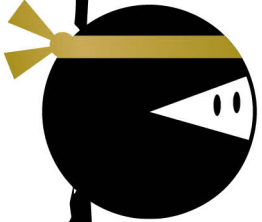
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WEEK 8 SESSION 2 - Answer as many questions as you can in 5 mins

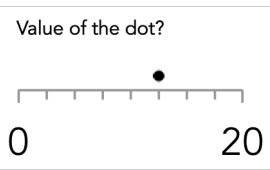
MENTAL STRATEGIES -
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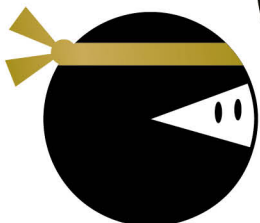
TIMESTABLES -
do these in your head

KEY SKILLS - you may use written calculations
for these questions

Q	Question	Answer
1	$\square + 8 = 10$	
2	What is double 1?	
3	What is half of 91?	
4	$60 + 20$	
5	$12 + 9$	
6	$84 + 11 = 84 + 6 + \square$	
7	$4 + 876$	
8	$70 + 76 = 70 + 70 + \square$	
9	$71 + 10$	
10	$198 - 60$	
Total out of 10		

Q	Question	Answer
1	$7 \times 7 = \square$	
2	$20 \div 4 = \square$	
3	$1 \times \square = 7$	
4	$54 \div \square = 6$	
5	$9 \times 9 = \square$	
6	$40 \div 10 = \square$	
7	$\square \times 6 = 18$	
8	$\square \div 4 = 5$	
9	$3 \times 2 = \square$	
10	$18 \div 6 = \square$	
Total out of 10		

Q	Question	Answer
1	Is 16 a multiple of 2?	
2	What is 60% of £220?	
3	$7551 \div 9$	
4	$11 - 3 \div 3$	
5	$13.2 \div 2$	
6	10×0.88	
7	$22.68 - 8.44$	
8	Write $63/90$ in its simplest form	
9	Difference between 9 and -1	
10	<div style="border: 1px solid black; padding: 5px; width: fit-content;"> Value of the dot?  </div>	
Total out of 10		



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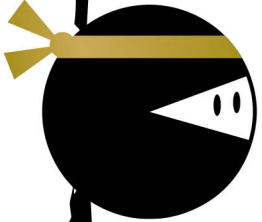
NINJA SCORE:

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WEEK 9 SESSION 2 - Answer as many questions as you can in 5 mins

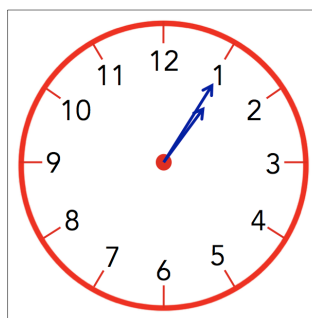
MENTAL STRATEGIES -
do these in your head

TIMESTABLES -
do these in your head

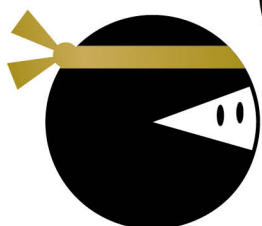
KEY SKILLS - you may use written calculations
for these questions

Q	Question	Answer
1	$10 + \square = 20$	
2	What is double 66?	
3	$10 + 10$	
4	$102 - 20$	
5	$9 = 1 + \square$	
6	$21 - 3 = 21 - 1 - \square$	
7	$17 + 17 + 17 = \square \times 17$	
8	What time is shown on the clock?	pm
9	$161 - 10$	
10	$80 + 70$	
Total out of 10		

Q	Question	Answer
1	$8 \times 7 = \square$	
2	$70 \div 7 = \square$	
3	$4 \times \square = 8$	
4	$56 \div \square = 8$	
5	$6 \times 4 = \square$	
6	$90 \div 10 = \square$	
7	$\square \times 10 = 20$	
8	$\square \div 3 = 5$	
9	$5 \times 7 = \square$	
10	$40 \div 4 = \square$	
Total out of 10		



Q	Question	Answer
1	What is the value of $\sqrt[3]{64}$?	
2	$10/4 = 50/\square$	
3	$4626 + 2373$	
4	$(1 - 1)^2 + 5 \times 4$	
5	Write Eight Hundred and Seventy Nine Thousand, Six Hundred and Thirty Five in digits	
6	$0.92 \div 1000$	
7	$6 \times (-7)$	
8	Round 56.7721 to 3 d.p.	
9	$7 + (-6)$	
10	Round 0.00876 to 2 s.f.	
Total out of 10		



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MENTAL STRATEGIES:

TIMESTABLES:

KEY SKILLS: +

MY **NINJA** BELT:

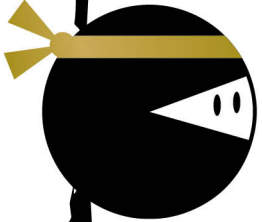
NINJA SCORE:

NUMERACY

NINJAS

5 MINUTE SKILL CHECK

Use this space for your
KEY SKILLS workings!



WEEK 10 SESSION 2 - Answer as many questions as you can in 5 mins

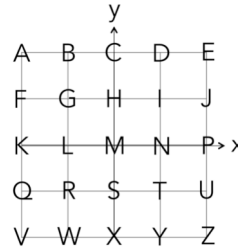
MENTAL STRATEGIES -
do these in your head

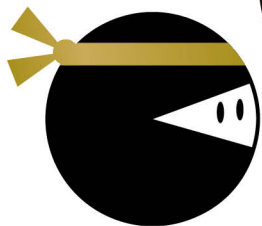
TIMESTABLES -
do these in your head

KEY SKILLS - you may use written calculations
for these questions

Q	Question	Answer
1	$3 + \square = 5$	
2	$27 + \square = 100$	
3	What is half of 2?	
4	$179 - 10$	
5	$163 + \square = 230$	
6	$50 = 30 + \square$	
7	$733 - 732$	
8	$10 \times 3 = 30$, so $30 \div 3 = \square$	
9	Write 2:17 pm in 24 hour clock format	
10	From 1:13 pm, how many minutes until 2:10 pm?	
Total out of 10		

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

Q	Question	Answer
1	$(-2) - (-1)$	
2	Letter at (2, -2) 	
3	What is $\frac{2}{3}$ of 6?	
4	45×28	
5	$18059 - 9664$	
6	1.3×3.9	
7	$0.18 = \square\%$	
8	$4.56 + 83.2$	
9	$35 \div (-5)$	
10	If $a = 3$, $b = 5$ and $c = 5$, what is the value of $2a + b/c$?	
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!

