

NUMERACY  
NINJAS

5 MINUTE  
SKILL BOOK

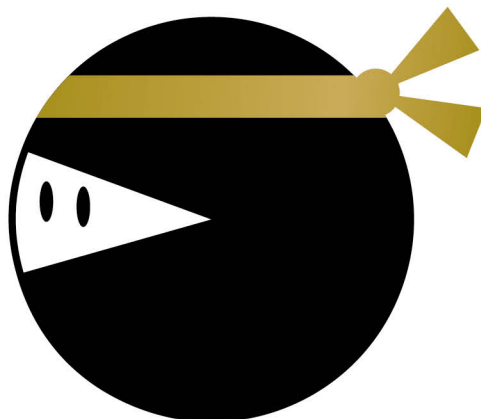
SERIES A - WEEKS 21 TO 30  
1 SESSION PER WEEK

NAME:

.....

CLASS:

.....



### WEEK 21 SESSION 1 - Answer as many questions as you can in 5 mins

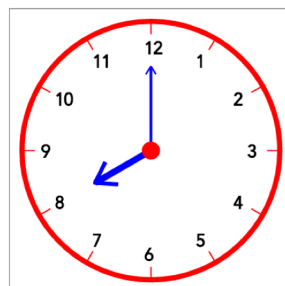
**MENTAL STRATEGIES** -  
do these in your head


**TIMESTABLES** -  
do these in your head

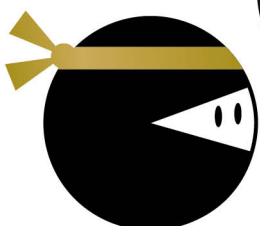
**KEY SKILLS** - you may use written calculations for  
these questions

Q	Question	Answer
1	$10 = 7 + \square$	
2	$\square + 2 = 20$	
3	Double 44	
4	$144 + 10 = \square$	
5	$70 - 30 = \square$	
6	$3 = 2 + \square$	
7	$54 - 9 = 54 - 4 - \square$	
8	$6 + 6 = \square \times 6$	
9	What time is shown on the clock?	pm
10	From 6:40 pm, how many minutes until 6:52 pm?	
Total out of 10		

Q	Question	Answer
1	$7 \times 9 = \square$	
2	$\square \times 2 = 6$	
3	$\square \times 8 = 56$	
4	$24 \div \square = 3$	
5	$\square \div 4 = 3$	
6	$\square \div 2 = 5$	
7	$5 \times \square = 10$	
8	$20 \div \square = 2$	
9	$10 \times \square = 30$	
10	$\square \times 10 = 80$	
Total out of 10		



Q	Question	Answer
1	$980 + 7789$	
2	$(1 + 7) \times 3$	
3	Write Sixty One Million, Seven Hundred and Forty Eight Thousand, Eight Hundred and Sixty Seven in digits	
4	$4889.92 \div 100$	
5	$(-9) \times (-1)$	
6	Round 0.0325 to 3 decimal places	
7	Value of the dot 	
8	Is 13 a multiple of 9?	
9	What is the value of $2^3$ ?	
10	$10/2 = 50/\square$	
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:**

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MY **NINJA** BELT:

**NINJA** SCORE:



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

### WEEK 22 SESSION 1 - Answer as many questions as you can in 5 mins

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

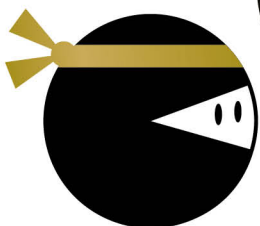
**TIMESTABLES** -  
do these in your head

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

Q	Question	Answer
1	$\square + 4 = 5$	
2	$\square + 85 = 100$	
3	What is half of 4?	
4	$99 - 10 = \square$	
5	$55 + \square = 60$	
6	$119 = 99 + \square$	
7	$148 - 139 = \square$	
8	$5 \times 9 = 45$ , so $45 \div 5 = \square$	
9	What is 20:27 in 12 hour clock format?	
10	From 7:19 am, how many minutes until 7:50 am?	
Total out of 10		

Q	Question	Answer
1	$7 \times 6 = \square$	
2	$24 \div \square = 8$	
3	$\square \times 7 = 14$	
4	$\square \div 8 = 9$	
5	$18 \div 3 = \square$	
6	$4 \times \square = 36$	
7	$5 \times \square = 40$	
8	$4 \times 4 = \square$	
9	$36 \div \square = 4$	
10	$30 \div \square = 3$	
Total out of 10		

Q	Question	Answer
1	$242 \times 56 = \square$	
2	$17916 - 9991$	
3	$2.6 \times 6.7$	
4	0.26 as a fraction	
5	$3.45 + 87.28$	
6	$(-10) \div (-1)$	
7	$8 + (-10)$	
8	Round 0.002788 to 2 s.f.	
9	What is the letter at (1,-2)? <div style="text-align: center;"> <math>\begin{array}{cccccc} &amp; &amp; y &amp; &amp; &amp; \\ &amp; &amp; \uparrow &amp; &amp; &amp; \\ A &amp; B &amp; C &amp; D &amp; E &amp; \\ F &amp; G &amp; H &amp; I &amp; J &amp; \\ K &amp; L &amp; M &amp; N &amp; P &amp; x \\ Q &amp; R &amp; S &amp; T &amp; U &amp; \\ V &amp; W &amp; X &amp; Y &amp; Z &amp; \end{array}</math> </div>	
10	What is $9/10$ of 30?	
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:**

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MY **NINJA** BELT:

**NINJA** SCORE:





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

### WEEK 23 SESSION 1 - Answer as many questions as you can in 5 mins

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

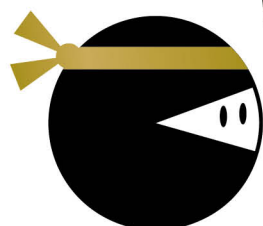
**TIMESTABLES** -  
do these in your head

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

Q	Question	Answer
1	$\square + 7 = 10$	
2	$20 = \square + 12$	
3	What is double 1?	
4	Double 65	
5	Halve 89	
6	$136 + 20 = \square$	
7	$80 + 79 = \square$	
8	$48 + 11 = 48 + 2 + \square$	
9	$6 + 150 = \square$	
10	$95 + 93 = 95 + 90 + \square$	
Total out of 10		

Q	Question	Answer
1	$12 \div 3 = \square$	
2	$\square \div 2 = 3$	
3	$10 \times 8 = \square$	
4	$\square \times 10 = 30$	
5	$\square \div 4 = 8$	
6	$18 \div 2 = \square$	
7	$10 \times \square = 30$	
8	$12 \div \square = 6$	
9	$45 \div 5 = \square$	
10	$18 \div \square = 6$	
Total out of 10		

Q	Question	Answer
1	$372 \div 4 = \square$	
2	$15 \div 5 - 3$	
3	$255.6 \div 6$	
4	$100 \times 1.19$	
5	$84 - 4.6$	
6	If $a = 1$ , $b = 5$ and $c = 4$ , what is the value of $4b^3$ ?	
7	$(-7) - (-9)$	
8	Is 9 a factor of 29?	
9	What is the positive square root of 121?	
10	What is 50% of £340?	
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:

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**NINJA** SCORE:



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

### WEEK 24 SESSION 1 - Answer as many questions as you can in 5 mins

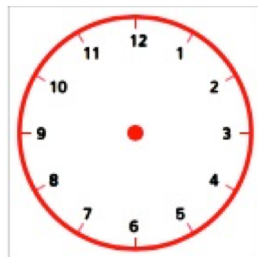
**MENTAL STRATEGIES** -  
do these in your head


**TIMESTABLES** -  
do these in your head

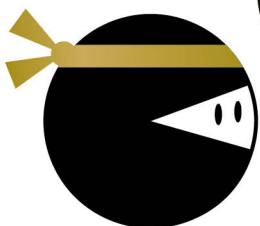
**KEY SKILLS** - you may use written calculations for  
these questions

Q	Question	Answer
1	$5 + \square = 20$	
2	$100 = 74 + \square$	
3	Double 4	
4	Double 61	
5	$90 + 10 = \square$	
6	$22 - 10 = \square$	
7	$4 = 2 + \square$	
8	$27 - 9 = 27 - 7 - \square$	
9	$9 + 9 + 9 = \square \times 9$	
10	Draw hands on the clock face showing 10:40 am	
Total out of 10		

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



Q	Question	Answer
1	$591 + 823$	
2	$(3 + 87) \div 9$	
3	Write Six Million, Nine Hundred and Ninety Four Thousand and Forty Eight in digits	
4	$0.3 \div 10$	
5	$(-1) \times 2$	
6	Difference between 10 and -10	
7	Value of the dot 	
8	Is 32 a multiple of 6?	
9	What is the value of 5 cubed?	
10	$4/5 = 32/\square$	
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:

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MY **NINJA** BELT:

**NINJA** SCORE:



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

### WEEK 25 SESSION 1 - Answer as many questions as you can in 5 mins

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

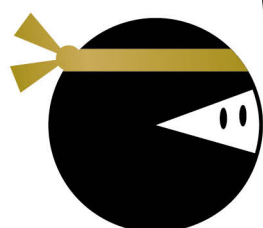
Q	Question	Answer
1	$\square + 3 = 5$	
2	$100 = \square + 38$	
3	What is half of 2?	
4	$119 - 10 = \square$	
5	$28 + \square = 30$	
6	$114 = 64 + \square$	
7	$6057 - 6052 = \square$	
8	$2 \times 8 = 16$ , so $16 \div 8 = \square$	
9	What is 12:51 am in 24 hour clock format?	
10	What time was it 21 minutes before 6:58 pm?	
Total out of 10		

**TIMESTABLES** -  
do these in your head

Q	Question	Answer
1	$\square \div 4 = 3$	
2	$18 \div \square = 6$	
3	$32 \div \square = 8$	
4	$9 \times 10 = \square$	
5	$30 \div \square = 3$	
6	$14 \div \square = 2$	
7	$6 \times 3 = \square$	
8	$7 \times \square = 49$	
9	$\square \div 2 = 3$	
10	$80 \div 10 = \square$	
Total out of 10		

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

Q	Question	Answer
1	$71 \times 79 = \square$	
2	$691 - 391$	
3	$9.9 \times 7$	
4	0.105 as a fraction	
5	$21.96 + 8.42$	
6	Round 5.7345 to 3 decimal places	
7	$(-1) + (-1)$	
8	Round 6692 to 3 s.f.	
9	What is the letter at (1,0)? <div style="text-align: center;"> <math>\begin{array}{c} y \\ \uparrow \\ \begin{array}{ccccccccc} A &amp; B &amp; C &amp; D &amp; E \\ F &amp; G &amp; H &amp; I &amp; J \\ K &amp; L &amp; M &amp; N &amp; P &amp; x \\ Q &amp; R &amp; S &amp; T &amp; U \\ V &amp; W &amp; X &amp; Y &amp; Z \end{array} \end{array}</math> </div>	
10	What is $\frac{3}{10}$ of 90?	
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:**

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MY **NINJA** BELT:

**NINJA** SCORE:



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

### WEEK 26 SESSION 1 - Answer as many questions as you can in 5 mins

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

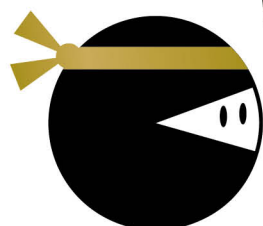
**TIMESTABLES** -  
do these in your head

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

Q	Question	Answer
1	$8 + \square = 10$	
2	Double 4	
3	Halve 8	
4	What is half of 36?	
5	$31 + 10 = \square$	
6	$69 + 50 = \square$	
7	$33 + 31 = \square$	
8	$81 + 16 = 81 + 9 + \square$	
9	$3 + 699 = \square$	
10	$54 + 14 = 50 + 10 + \square$	
Total out of 10		

Q	Question	Answer
1	$16 \div \square = 8$	
2	$20 \div \square = 4$	
3	$\square \times 4 = 36$	
4	$4 \times \square = 16$	
5	$\square \div 9 = 6$	
6	$5 \times 3 = \square$	
7	$50 \div 5 = \square$	
8	$2 \times \square = 20$	
9	$9 \times \square = 18$	
10	$\square \times 2 = 4$	
Total out of 10		

Q	Question	Answer
1	$156 \div 4 = \square$	
2	$2 \div 1 - 1$	
3	$0.88 \div 0.1$	
4	$100 \times 1.48$	
5	$28 - 6.92$	
6	If $a = 5$ $b = 3$ and $c = 2$ , what is the value of $2abc - c^2$ ?	
7	$5 - (-3)$	
8	List all the factors of 38	
9	What is the value of 8 squared?	
10	What is 125% of £10?	
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:

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**NINJA** SCORE:





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

### WEEK 27 SESSION 1 - Answer as many questions as you can in 5 mins

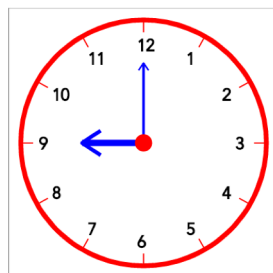
**MENTAL STRATEGIES** -  
do these in your head


**TIMESTABLES** -  
do these in your head

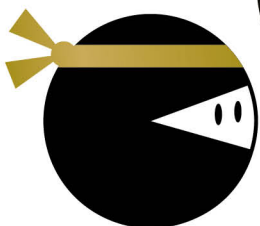
**KEY SKILLS** - you may use written calculations for  
these questions

Q	Question	Answer
1	$20 = \square + 10$	
2	Double 50	
3	What is half of 95?	
4	$132 + 10 = \square$	
5	$76 - 10 = \square$	
6	$75 - 20 = \square$	
7	$5 = 3 + \square$	
8	$42 - 8 = 42 - 2 - \square$	
9	$\square \times 9 = 9 + 9 + 9 + 9$	
10	What time is shown on the clock?	am
Total out of 10		

Q	Question	Answer
1	$90 \div 9 = \square$	
2	$3 \times 8 = \square$	
3	$8 \times \square = 16$	
4	$20 \div 5 = \square$	
5	$24 \div \square = 8$	
6	$\square \times 10 = 30$	
7	$\square \div 2 = 5$	
8	$5 \times \square = 20$	
9	$\square \div 10 = 7$	
10	$80 \div \square = 8$	
Total out of 10		



Q	Question	Answer
1	$906 + 9228$	
2	$(84 - 3) \div 9$	
3	Write 24802938 in words. Use the opposite page for your answer.	
4	$0.1 \div 100$	
5	Simplify $8/10$	
6	Difference between $-3$ and $-2$	
7	Value of the dot 	
8	What is the lowest common multiple of 7 and 8?	
9	What is the value of $4^3$ ?	
10	$10/3 = \square/6$	
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:**

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MY **NINJA** BELT:

**NINJA** SCORE:



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

### WEEK 28 SESSION 1 - Answer as many questions as you can in 5 mins

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

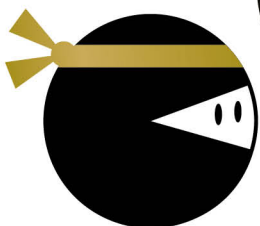
**TIMESTABLES** -  
do these in your head

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

Q	Question	Answer
1	$3 + \square = 5$	
2	$\square + 32 = 100$	
3	What is half of 3?	
4	$23 - 10 = \square$	
5	$139 + \square = 140$	
6	$52 = 42 + \square$	
7	$438 - 432 = \square$	
8	$4 \times 7 = 28$ , so $28 \div 7 = \square$	
9	What is 13:57 in 12 hour clock format?	
10	What time will it be 51 minutes after 7:13 pm	
Total out of 10		

Q	Question	Answer
1	$6 \times 4 = \square$	
2	$18 \div 9 = \square$	
3	$\square \times 3 = 15$	
4	$36 \div 6 = \square$	
5	$4 \times \square = 24$	
6	$8 \times \square = 48$	
7	$8 \times 3 = \square$	
8	$24 \div \square = 6$	
9	$5 \times \square = 25$	
10	$15 \div 5 = \square$	
Total out of 10		

Q	Question	Answer
1	$45 \times 70 = \square$	
2	$1012 - 791$	
3	$6.3 \times 4.57$	
4	$5/5 = \square \%$	
5	$(-2) \times 4$	
6	Round 8.1434 to 2 decimal places	
7	$8 + (-9)$	
8	Round 1915 to 1 s.f.	
9	What is the letter at (0,-2)? <div style="text-align: center;"> <math>\begin{array}{cccccc} &amp; &amp; y &amp; &amp; &amp; \\ &amp; &amp; \uparrow &amp; &amp; &amp; \\ A &amp; B &amp; C &amp; D &amp; E &amp; \\ F &amp; G &amp; H &amp; I &amp; J &amp; \\ K &amp; L &amp; M &amp; N &amp; P &amp; x \\ Q &amp; R &amp; S &amp; T &amp; U &amp; \\ V &amp; W &amp; X &amp; Y &amp; Z &amp; \end{array}</math> </div>	
10	What is $5/6$ of 42?	
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:**

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MY **NINJA** BELT:

**NINJA** SCORE:

A small, stylized black ninja character with a white mask and a yellow bow on its head, positioned on the left side of the page.

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

### WEEK 29 SESSION 1 - Answer as many questions as you can in 5 mins

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

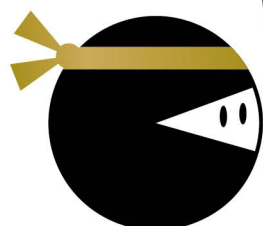
**TIMESTABLES** -  
do these in your head

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

Q	Question	Answer
1	$10 = \square + 1$	
2	What is double 8?	
3	What is half of 51?	
4	$15 + 80 = \square$	
5	$133 - 60 = \square$	
6	$12 + \square = 20$	
7	$68 + 70 = \square$	
8	$51 + 18 = 51 + 9 + \square$	
9	$1 + 871 = \square$	
10	$86 + 85 = 80 + 80 + \square$	
Total out of 10		

Q	Question	Answer
1	$21 \div \square = 7$	
2	$\square \times 10 = 100$	
3	$\square \div 10 = 3$	
4	$49 \div \square = 7$	
5	$8 \times 8 = \square$	
6	$\square \div 6 = 4$	
7	$45 \div \square = 5$	
8	$6 \times 6 = \square$	
9	$\square \times 6 = 54$	
10	$90 \div 10 = \square$	
Total out of 10		

Q	Question	Answer
1	$612 \div 9 = \square$	
2	$10 \div 2 + 4$	
3	$40.32 \div 0.5$	
4	$0.13 \times 10$	
5	$(-100) \div (-10)$	
6	If $a = 5$ , $b = 9$ and $c = 3$ , what is the value of $2a + b/c$ ?	
7	$5 - (-10)$	
8	What is the highest common factor of 27 and 19?	
9	What is the value of $(-12)$ squared?	
10	What is 110% of £120?	
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:

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MY **NINJA** BELT:

**NINJA** SCORE:



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

### WEEK 30 SESSION 1 - Answer as many questions as you can in 5 mins

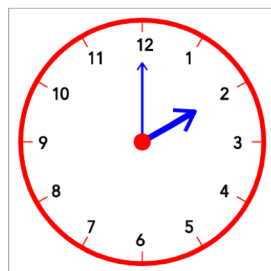
**MENTAL STRATEGIES** -  
do these in your head


**TIMESTABLES** -  
do these in your head

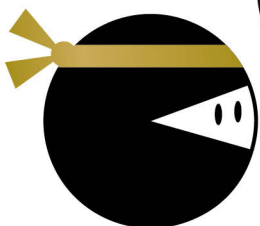
**KEY SKILLS** - you may use written calculations for  
these questions

Q	Question	Answer
1	$20 = 11 + \square$	
2	What is double 57?	
3	$198 + 10 = \square$	
4	$57 + 90 = \square$	
5	$35 - 30 = \square$	
6	$19 + 17 = \square$	
7	$3 = 2 + \square$	
8	$31 - 6 = 31 - 1 - \square$	
9	$\square \times 8 = 8 + 8$	
10	What time is shown on the clock?	am
Total out of 10		

Q	Question	Answer
1	$\square \times 6 = 42$	
2	$\square \div 8 = 8$	
3	$72 \div \square = 9$	
4	$24 \div 8 = \square$	
5	$64 \div \square = 8$	
6	$\square \div 5 = 7$	
7	$72 \div \square = 9$	
8	$10 \div \square = 2$	
9	$\square \div 3 = 2$	
10	$35 \div \square = 5$	
Total out of 10		



Q	Question	Answer
1	$9951 + 6530$	
2	$(1 + 48) \div 7$	
3	Write 51923 in words. Use the opposite page for your answer.	
4	$2.3 \div 10$	
5	Simplify $8/12$	
6	Which is the highest number, $-10$ or $-3$ ?	
7	Value of the dot 	
8	What is the lowest common multiple of 7 and 8?	
9	What is the value of $(-5)$ cubed?	
10	$5/9 = \square/72$	
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:

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MY **NINJA** BELT:

**NINJA** SCORE:





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