

N μ M E R α C Y

NINJA'S

Numeracy Ninjas

During Form time in KS3 every student will once a week complete their 5 minute Numeracy Ninja activity. During the same session these are marked and scores then recorded. Each score relates to a different colour Ninja belt and students are pushed to always make progress towards their next belt.

For more information please follow this link:

www.numeracyninjas.org

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

MENTAL STRATEGIES -
do these in your head

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		

TIMESTABLES -
do these in your head

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

KEY SKILLS - you may use written calculations for these questions

Q	Question	Answer
1	$[-4] - [-9]$	
2	Letter at $(-2, -1)$ A B C D E F G H I J K L M N P Q R S T U V W X Y Z	
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	$5 + [-5]$	
10	If $a = 3$, $b = 1$ and $c = 6$, what is the value of $a^2b^2 + 2c$?	
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:

WHICH NINJA BELT ARE YOU?

Which belt does your **NINJA** Score earn you?

0-3 WHITE

YELLOW 4-6

7-9 ORANGE

GREEN 10-13

14-17 BLUE

PURPLE 18-21

22-25 RED

BROWN 26-29

30 BLACK