Vocabulary Ninja

Maths SATs Facts

Vocabulary Ninja's SATs Facts are designed to aid pupils recall of key mathematical knowledge that underpins their ability to reason!

10 Sheet Multi-Pack including:

Square Numbers, Fractions, Decimals, Percentages, Multiplication Facts, Division, Addition, Subtraction, 2D Shape, BODMAS, Time, Money, Degrees, Roman Numerals, Parallel Lines, Measure, Conversion, Doubling, Halving, Multiples, Factors, Prime Numbers, Odd, Even and Ordering!

Vocabulary Ninja SATs Facts

2^2		6 x 6		4 ÷ 100		1.5 x 10	
4^2		4 x 4		16 ÷ 10		3.5 x 10	
3^2		5 x 5		32 ÷ 100		39 x 100	
5^2		3 x 3		96 ÷ 10		0.4 x 10	
6^2		7 x 7		21 ÷ 10		12 x 100	
8^2		9 x 9		6.2 ÷ 10		1.9 x 10	
10^2		2 x 2		132 ÷ 10		100 x 10	
12^2		8 x 8		45 ÷ 100		56 x 10	
Sides on a quadrilateral		1 cm =	mm	1 Hour =	mins	0.5	——
		11cm =	mm	1/2 Hour=	mins	0.2	—
Sides on a pentagon		14cm=	mm	1 Day =	hrs	0.25	—
		4.6cm=	mm	1 minute =	secs	0.1	—
Sides on a hexagon.		1m =	cm	Factors of 24		25%	0.
Sides on a heptagon.		1km =	mtrs	, , , , , , ,		12.5%	0.
Sides on an octagon.		1000m =	km	Multiples of 3		50%	0.
120p =	£	1 mile =	km	, , , , , , ,		75%	0.
217p =	£	10mm =	cm	Prime Numbers		20%	0.
£1.56 =	p	100cm =	mtr	, , , , , , , ,		4%	0.
Draw a right angle.				Formula for Area		X	
Draw an acute angle.				Formula of Perimeter		+ + +	
Draw an obtuse angle.				Formula for Volume		X X	
V=	X=	L=	C=	D=	M=	IX =	XC =

Vocabulary Ninja SATs Facts

8^2		8 x 4		30 ÷ 100		5 x 10	
5^2		6 x 4		4 ÷ 10		5.1 x 10	
9^2		7 x 4		4.9 ÷ 100		33 x 100	
3^2		4 x 4		370 ÷ 10		0.4 x 10	
11^2		6 x 8		105 ÷ 10		31 x 100	
12^2		5 x 8		5.7 ÷ 10		1.05 x 10	
13^2		9 x 8		36 ÷ 10		0.05 x 10	
14^2		8 x 8		0.8 ÷ 100		14.3 x 10	
Half of 24		1 cm =	mm	1 Hour =	mins	0.5	——
		12cm =	mm	1/2 Hour=	mins	0.2	——
Half of 90		17cm=	mm	1 Day =	hrs	0.25	——
		6.7cm=	mm	1 minute =	secs	0.1	——
Half of 140		1m =	cm	Factors of 24		25%	0.
Half of 260		1km =	mtrs	, , , , , , ,		12.5%	0.
Half of 480		1000m =	km	Multiples of 5		50%	0.
200p =	£	1 mile =	km	, , , , , , ,		75%	0.
201p =	£	10mm =	cm	Prime Numbers		19%	0.
£2.10 =	p	100cm =	mtr	, , , , , , , ,		7%	0.
4 + 5 x 2 =				50 % of 300 =			
2 x 8 - (4 + 5) =				25% of 400 =			
3 x 5 x 2 =				20% of 200 =			
V=	X=	L=	C=	D=	M=	XIII =	XCIX =

Vocabulary Ninja SATs Facts

7^2		5 x 6		44 ÷ 100		13 x 10	
3^2		5 x 4		83 ÷ 10		100 x 10	
4^2		9 x 5		2.8 ÷ 100		30 x 100	
2^2		5 x 7		134 ÷ 10		40 x 10	
12^2		2 x 5		432 ÷ 10		60 x 100	
6^2		5 x 3		3.2 ÷ 10		13 x 10	
8^2		11 x 5		160 ÷ 10		34 x 10	
9^2		5 x 12		21 ÷ 100		56 x 10	
Double 36		1 cm =	mm	1 Hour =	mins	0.5	——
		9cm =	mm	1/2 Hour=	mins	0.2	——
Double 54		23cm=	mm	1 Day =	hrs	0.25	——
		3.5cm=	mm	1 minute =	secs	0.1	——
Double 17		1m =	cm	Odd Numbers		25%	0.
Double 99		1km =	mtrs	, , , , , , ,		12.5%	0.
Double 44		1000m =	km	Multiples of 6		50%	0.
115p =	£	1 mile =	km	, , , , , , ,		75%	0.
551p =	£	10mm =	cm	Even Numbers		19%	0.
£2.99 =	p	100cm =	mtr	, , , , , , , ,		9%	0.
10% of 50 =				20% of 400 =			
10% of 300 =				20% of 30 =			
10% of 38 =				20% of 150 =			
V=	X=	L=	C=	D=	M=	II =	I =

Vocabulary Ninja SATs Facts

4^2		4 x 9		50 ÷ 100		0.1 x 10	
5^2		6 x 9		120 ÷ 10		0.2 x 10	
6^2		9 x 5		40 ÷ 100		0.3 x 100	
7^2		3 x 9		300 ÷ 10		0.4 x 10	
8^2		9 x 8		500 ÷ 10		0.5 x 100	
9^2		9 x 2		90 ÷ 10		0.6 x 10	
4^3		7 x 9		400 ÷ 10		0.7 x 10	
6^3		11 x 9		80 ÷ 100		0.8 x 10	
		1 cm =	mm	1 Hour =	mins	0.5	——
		4cm =	mm	1/2 Hour=	mins	0.2	—
		65cm=	mm	1 Day =	hrs	0.25	—
		2.1cm=	mm	1 minute =	secs	0.1	—
		1m =	cm	Factors of 24		25%	0.
		1km =	mtrs	, , , , , , ,		12.5%	0.
		1000m =	km	Multiples of 10		50%	0.
110p =	£	1 mile =	km	, , , , , , ,		75%	0.
124p =	£	10mm =	cm	Prime Numbers		21%	0.
£2.11 =	p	100cm =	mtr	, , , , , , , ,		6%	0.
Draw Parallel Lines				Measure / Draw 1.2cm			
Degrees In Circle				Measure / Draw 2.1cm			
Degrees in Straight Line				Measure /Draw 2.3cm			
V=	X=	L=	C=	D=	M=	XII =	IV =

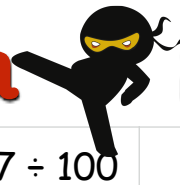
Vocabulary Ninja SATs Facts

4x4		3 x 7		99 ÷ 100		31 x 10	
5x5		4 x 3		999 ÷ 10		45 x 10	
3x3		6 x 3		45 ÷ 100		1.2 x 100	
6x6		8 x 3		13 ÷ 10		45 x 10	
9x9		2 x 3		32 ÷ 10		13 x 100	
11x11		9 x 3		45 ÷ 10		3.5 x 10	
12x12		3 x 11		333 ÷ 10		0.5 x 10	
8x8		12 x 3		56 ÷ 100		45.6 x 10	
Ten less that 4.	-	1 cm =	mm	1 Hour =	mins	0.5	——
		8cm =	mm	1/2 Hour=	mins	0.2	—
Seven less than 2.	-	3cm=	mm	1 Day =	hrs	0.25	—
		6.9cm=	mm	1 minute =	secs	0.1	—
Minus 5 add 6.		1m =	cm	Factors of 24		25%	0.
Minus 2 add 9.		1km =	mtrs	, , , , , , ,		12.5%	0.
Minus 1 add 13.		1000m =	km	Multiples of 11		50%	0.
300p =	£	1 mile =	km	, , , , , , ,		75%	0.
165p =	£	10mm =	cm	Prime Numbers		23%	0.
£1.50 =	p	100cm =	mtr	, , , , , , , ,		5%	0.
150 - 51 =				999 + 101 =			
1001 - 110 =				1001 + 201 =			
1999 - 100 =				1999 + 110 =			
V=	X=	L=	C=	D=	M=	CX =	CV =

Vocabulary Ninja SATs Facts

4^2		8 x 11		49 ÷ 100		14 x 10	
5^2		6 x 11		21 ÷ 10		140 x 10	
6^2		7 x 11		2.9 ÷ 100		4.4 x 100	
7^2		4 x 11		231 ÷ 10		0.4 x 10	
8^2		6 x 12		547 ÷ 10		56 x 100	
9^2		5 x 10		4.3 ÷ 10		2.09 x 10	
4^3		9 x 8		700 ÷ 10		0.4 x 10	
6^3		8 x 6		50 ÷ 100		21.7 x 10	
		1 cm =	mm	1 Hour =	mins	0.5	——
		9cm =	mm	1/2 Hour=	mins	0.2	—
		23cm=	mm	1 Day =	hrs	0.25	—
		3.5cm=	mm	1 minute =	secs	0.1	—
		1m =	cm	Factors of 24		25%	0.
		1km =	mtrs	, , , , , , ,		12.5%	0.
		1000m =	km	Multiples of 5		50%	0.
100p =	£	1 mile =	km	, , , , , , ,		75%	0.
250p =	£	10mm =	cm	Prime Numbers		14%	0.
£4.73 =	p	100cm =	mtr	, , , , , , , ,		7%	0.
Draw Parallel Lines				Formula for Area		X	
Degrees In Circle				Formula of Perimeter		+ + +	
Degrees in Straight Line				Formula for Volume		X X	
V=	X=	L=	C=	D=	M=	XV =	XX =

Vocabulary Ninja SATs Facts



4^2		8 x 3		77 ÷ 100		54 x 10	
5^2		6 x 3		49 ÷ 10		5.8 x 10	
6^2		7 x 3		1.9 ÷ 100		4.7 x 100	
7^2		4 x 3		380 ÷ 10		60 x 10	
8^2		6 x 4		222 ÷ 10		47 x 100	
9^2		5 x 4		8.4 ÷ 10		4.78 x 10	
4^3		9 x 4		120 ÷ 10		0.09 x 10	
6^3		8 x 4		65 ÷ 100		41.9 x 10	
100 more than 56		1 cm =	mm	1 Hour =	mins	0.5	——
		6cm =	mm	1/2 Hour=	mins	0.2	——
100 less than 167		16cm=	mm	1 Day =	hrs	0.25	——
		6.2cm=	mm	1 minute =	secs	0.1	——
100 more than 78		1m =	cm	Factors of 24		25%	0.
100 less than 345		1km =	mtrs	, , , , , , ,		12.5%	0.
100 more than 347		1000m =	km	Multiples of 6		50%	0.
156p =	£	1 mile =	km	, , , , , , ,		75%	0.
345p =	£	10mm =	cm	Prime Numbers		12%	0.
£2.53 =	p	100cm =	mtr	, , , , , , , ,		2%	0.
Order Low to High - 0.7 , 0.07 , 7.0 , 0.707				, , ,			
Order Low to High - 4.7 , 7.4 , 0.47 , 0.74				, , ,			
Order Low to High - 24.3 , 23.4 , 43.2 , 42.3				, , ,			
V=	X=	L=	C=	D=	M=	CC =	LV =

Vocabulary Ninja SATs Facts

9^2		6 x 10		32 ÷ 100		26 x 10	
2^2		5 x 6		97 ÷ 10		5.4 x 10	
8^2		4 x 20		4.5 ÷ 100		3.3 x 100	
3^2		4 x 30		220 ÷ 10		40 x 10	
7^2		6 x 10		635 ÷ 10		26 x 100	
4^2		10 x 16		2.2 ÷ 10		1.34 x 10	
5^3		20 x 5		390 ÷ 10		0.45 x 10	
6^3		25 x 4		49 ÷ 100		22.1 x 10	
Double 150		1 cm =	mm	1 Hour =	mins	0.5	——
		4cm =	mm	1/2 Hour=	mins	0.2	——
Double 340		76cm=	mm	1 Day =	hrs	0.25	——
		2.7cm=	mm	1 minute =	secs	0.1	——
Double 99		1m =	cm	Factors of 24		25%	0.
Double 199		1km =	mtrs	, , , , , , ,		12.5%	0.
Double 550		1000m =	km	Multiples of 2		50%	0.
103p =	£	1 mile =	km	, , , , , , ,		75%	0.
334p =	£	10mm =	cm	Prime Numbers		18%	0.
£1.43 =	p	100cm =	mtr	, , , , , , , ,		9%	0.
1500 + 499 =				999 - 98 =			
3001 + 999 =				201 + 3 =			
599 + 200 =				199 - 101 =			

V= X= L= C= D= M= XC = CX =

Vocabulary Ninja SATs Facts

4^2		8 x 20		86 ÷ 100		61 x 10	
5^2		6 x 20		64 ÷ 10		9.0 x 10	
6^2		7 x 20		7.9 ÷ 100		5.1 x 100	
7^2		4 x 20		450 ÷ 10		10 x 10	
8^2		6 x 30		856 ÷ 10		48 x 100	
9^2		5 x 30		5.1 ÷ 10		3.08 x 10	
4^3		9 x 30		230 ÷ 10		0.61 x 10	
6^3		8 x 30		74 ÷ 100		71.8 x 10	
Half of 86		1 cm =	mm	1 Hour =	mins	0.5	——
		5cm =	mm	1/2 Hour=	mins	0.2	—
Half of 92		61cm=	mm	1 Day =	hrs	0.25	—
		9.6cm=	mm	1 minute =	secs	0.1	—
Half of 120		1m =	cm	Factors of 24		25%	0.
Half of 250		1km =	mtrs	, , , , , , ,		12.5%	0.
Half of 460		1000m =	km	Multiples of 9		50%	0.
1p =	£	1 mile =	km	, , , , , , ,		75%	0.
75p =	£	10mm =	cm	Prime Numbers		22%	0.
£1.45 =	p	100cm =	mtr	, , , , , , , ,		6%	0.
15 - 6 x 2 =				4 + (3 x 6) =			
40 - (7 x 2) =				5 + 9 - 4 =			
25 x 2 - 19 =				6 x 6 - (4 x 2) =			
V=	X=	L=	C=	D=	M=	MC =	CM =

Vocabulary Ninja SATs Facts

4^2		40 x 3		88 ÷ 100		51 x 10	
5^2		5 x 50		18 ÷ 10		9.1 x 10	
6^2		60 x 2		7.2 ÷ 100		9.6 x 100	
7^2		20 x 10		410 ÷ 10		20 x 10	
8^2		70 x 3		721 ÷ 10		37 x 100	
9^2		4 x 80		5.9 ÷ 10		7.14 x 10	
4^3		90 x 2		180 ÷ 10		0.96 x 10	
6^3		60 x 4		27 ÷ 100		62.1 x 10	
		1 cm =	mm	1 Hour =	mins	0.5	——
		8cm =	mm	1/2 Hour=	mins	0.2	—
		86cm=	mm	1 Day =	hrs	0.25	—
		2.8cm=	mm	1 minute =	secs	0.1	—
		1m =	cm	Factors of 24		25%	0.
		1km =	mtrs	, , , , , , ,		12.5%	0.
		1000m =	km	Multiples of 12		50%	0.
270p =	£	1 mile =	km	, , , , , , ,		75%	0.
175p =	£	10mm =	cm	Prime Numbers		11%	0.
£1.14 =	p	100cm =	mtr	, , , , , , , ,		1%	0.
10% of 234				20% of 400 =			
10% of 1580				20% of 330 =			
10% of 45				20% of 240 =			
V=	X=	L=	C=	D=	M=	LX =	XL =

Vocabulary Ninja Answers

2^2	4	6 x 6	36	4 ÷ 100	0.04	1.5 x 10	15
4^2	16	4 x 4	16	16 ÷ 10	1.6	3.5 x 10	35
3^2	9	5 x 5	25	32 ÷ 100	0.32	39 x 100	3900
5^2	25	3 x 3	9	96 ÷ 10	9.6	0.4 x 10	4
6^2	36	7 x 7	49	21 ÷ 10	2.1	12 x 100	1200
8^2	64	9 x 9	81	6.2 ÷ 10	0.62	1.9 x 10	19
10^2	100	2 x 2	4	132 ÷ 10	13.2	100 x 10	1000
12^2	144	8 x 8	64	45 ÷ 100	0.45	56 x 10	560
Sides on a quadrilateral	4	1 cm =	10 mm	1 Hour =	60 mins	0.5	1/2
		11cm =	110mm	1/2 Hour=	30 mins	0.2	1/5
Sides on a pentagon	5	14cm=	140mm	1 Day =	24 hrs	0.25	1/4
		4.6cm=	4.6mm	1 minute =	60 secs	0.1	1/10
Sides on a hexagon.	6	1m =	100 cm	Factors of 24		25%	0. 25
Sides on a heptagon.	7	1km =	1000 mtrs	1, 2, 3, 4, 6, 8, 12, 24		12.5%	0.125
Sides on an octagon.	8	1000m =	1 km	Multiples of 3		50%	0.5
120p =	£1.20	1 mile =	1.6 km	3 , 6, 9, 12, 15, 18, 21		75%	0.75
217p =	£2.17	10mm =	1 cm	Prime Numbers		20%	0.2
£1.56 =	156p	100cm =	1 mtr	2, 3, 5, 7, 11, 13, 17, 19		4%	0.04
Draw a right angle.				Formula for Area		Length X Width	
Draw an acute angle.				Formula of Perimeter		L + L + W + W	
Draw an obtuse angle.				Formula for Volume		Length X Width X Height	
V= 5	X= 10	L=50	C=100	D=500	M=1000	IX =4	XC =90

Vocabulary Ninja Answers

8^2	64	8 x 4	32	30 ÷ 100	0.3	5 x 10	50
5^2	25	6 x 4	24	4 ÷ 10	0.4	5.1 x 10	51
9^2	81	7 x 4	28	4.9 ÷ 100	0.049	33 x 100	3300
3^2	9	4 x 4	16	370 ÷ 10	37	0.4 x 10	4
11^2	121	6 x 8	48	105 ÷ 10	10.5	31 x 100	3100
12^2	144	5 x 8	40	5.7 ÷ 10	0.57	1.05 x 10	10.5
13^2	169	9 x 8	72	36 ÷ 10	3.6	0.05 x 10	0.5
14^2	196	8 x 8	64	0.8 ÷ 100	0.008	14.3 x 10	143
Half of 24	12	1 cm =	10 mm	1 Hour =	60 mins	0.5	1/2
		12cm =	120mm	1/2 Hour=	30 mins	0.2	1/5
Half of 90	45	17cm=	170 mm	1 Day =	24 hrs	0.25	1/4
		6.7cm=	67mm	1 minute =	60 secs	0.1	1/10
Half of 140	70	1m =	100 cm	Factors of 24		25%	0. 25
Half of 260	130	1km =	1000 mtrs	1, 2, 3, 4, 6, 8, 12, 24		12.5%	0.125
Half of 480	240	1000m =	1 km	Multiples of 5		50%	0.5
200p =	£2.00	1 mile =	1.6 km	5, 10, 15, 20, 25, 30, 35		75%	0.75
201p =	£2.01	10mm =	1 cm	Prime Numbers		19%	0.19
£2.10 =	210 p	100cm =	1 mtr	2, 3, 5, 7, 11, 13, 17, 19		7%	0.07
4 + 5 x 2 =		14		50 % of 300 =		150	
2 x 8 - (4 + 5) =		7		25% of 400 =		100	
3 x 5 x 2 =		30		20% of 200 =		40	
V= 5	X= 10	L=50	C=100	D=500	M=1000	XIII =13	XCIX =99

Vocabulary Ninja Answers

7^2	49	5 x 6	30	44 ÷ 100	0.44	13 x 10	130
3^2	9	5 x 4	20	83 ÷ 10	8.3	100 x 10	1000
4^2	16	9 x 5	45	2.8 ÷ 100	0.028	30 x 100	3000
2^2	4	5 x 7	35	134 ÷ 10	13.4	40 x 10	400
12^2	144	2 x 5	10	432 ÷ 10	43.2	60 x 100	6000
6^2	36	5 x 3	15	3.2 ÷ 10	0.32	13 x 10	130
8^2	84	11 x 5	55	160 ÷ 10	16	34 x 10	340
9^2	81	5 x 12	60	21 ÷ 100	0.21	56 x 10	560
Double 36	72	1 cm =	10 mm	1 Hour =	60 mins	0.5	1/2
		9cm =	90mm	1/2 Hour=	30 mins	0.2	1/5
Double 54	104	23cm=	230mm	1 Day =	24 hrs	0.25	1/4
		3.5cm=	35mm	1 minute =	60 secs	0.1	1/10
Double 17	34	1m =	100 cm	Odd Numbers		25%	0. 25
Double 99	198	1km =	1000 mtrs	1, 3, 5, 7, 9, 11, 13, 15		12.5%	0.125
Double 44	88	1000m =	1 km	Multiples of 6		50%	0.5
115p =	£1.15	1 mile =	1.6 km	6, 12, 18, 24, 30, 36		75%	0.75
551p =	£5.51	10mm =	1 cm	Even Numbers		19%	0.19
£2.99 =	299p	100cm =	1 mtr	2, 4, 6, 8, 10, 12, 14, 16		9%	0.09
10% of 50 =		5		20% of 400 =		80	
10% of 300 =		30		20% of 30 =		6	
10% of 38 =		3.8		20% of 150 =		30	
V= 5	X= 10	L=50	C=100	D=500	M=1000	II = 2	I = 1

Vocabulary Ninja Answers

4^2	16	4 x 9	36	50 ÷ 100	0.5	0.1 x 10	1
5^2	25	6 x 9	54	120 ÷ 10	12	0.2 x 10	2
6^2	36	9 x 5	45	40 ÷ 100	0.4	0.3 x 100	30
7^2	49	3 x 9	27	300 ÷ 10	30	0.4 x 10	4
8^2	64	9 x 8	72	500 ÷ 10	50	0.5 x 100	50
9^2	81	9 x 2	18	90 ÷ 10	9	0.6 x 10	6
4^3	64	7 x 9	63	400 ÷ 10	40	0.7 x 10	7
6^3	216	11 x 9	99	80 ÷ 100	0.8	0.8 x 10	8
	square	1 cm =	10mm	1 Hour =	60 mins	0.5	1/2
		4cm =	40 mm	1/2 Hour=	30 mins	0.2	1/5
	circle	65cm=	650mm	1 Day =	24 hrs	0.25	1/4
		2.1cm=	21 mm	1 minute =	60 secs	0.1	1/10
	triangle	1m =	100 cm	Factors of 24		25%	0. 25
	pentagon	1km =	1000 mtrs	1, 2, 3, 4, 6, 8, 12, 24		12.5%	0.125
	rectangle	1000m =	1 km	Multiples of 10		50%	0.5
110p =	£1.10	1 mile =	1.6 km	10, 20, 30, 40, 50, 60		75%	0.75
124p =	£1.24	10mm =	1 cm	Prime Numbers		21%	0.21
£2.11 =	211p	100cm =	1 mtr	2, 3, 5, 7, 11, 13, 17, 19		6%	0.06
Draw Parallel Lines				Measure / Draw 1.2cm			
Degrees In Circle		360		Measure / Draw 2.1cm			
Degrees in Straight Line		180		Measure /Draw 2.3cm			
V= 5	X= 10	L=50	C=100	D=500	M=1000	XII = 12	IV =4

Vocabulary Ninja Answers

4x4	16	3 x 7	21	99 ÷ 100	0.99	31 x 10	310
5x5	25	4 x 3	12	999 ÷ 10	99.9	45 x 10	450
3x3	9	6 x 3	18	45 ÷ 100	0.45	1.2 x 100	120
6x6	36	8 x 3	24	13 ÷ 10	1.3	45 x 10	450
9x9	81	2 x 3	6	32 ÷ 10	3.2	13 x 100	1300
11x11	121	9 x 3	27	45 ÷ 10	4.5	3.5 x 10	35
12x12	144	3 x 11	33	333 ÷ 10	33.3	0.5 x 10	5
8x8	64	12 x 3	36	56 ÷ 100	0.56	45.6 x 10	456
Ten less that 4.	-6	1 cm =	10mm	1 Hour =	60 mins	0.5	1/2
		8cm =	80mm	1/2 Hour=	30 mins	0.2	1/5
Seven less than 2.	-5	3cm=	30mm	1 Day =	24 hrs	0.25	1/4
		6.9cm=	69mm	1 minute =	60 secs	0.1	1/10
Minus 5 add 6.	1	1m =	100 cm	Factors of 24		25%	0. 25
Minus 2 add 9.	7	1km =	1000 mtrs	1, 2, 3, 4, 6, 8, 12, 24		12.5%	0.125
Minus 1 add 13.	12	1000m =	1 km	Multiples of 11		50%	0.5
300p =	£3.00	1 mile =	1.6 km	11, 22, 33, 44, 55, 66		75%	0.75
165p =	£1.65	10mm =	1 cm	Prime Numbers		23%	0.23
£1.50 =	150p	100cm =	1 mtr	2, 3, 5, 7, 11, 13, 17, 19		5%	0.05

150 - 51 =	99	999 + 101 =	1100
1001 - 110 =	881	1001 + 201 =	1202
1999 - 100 =	1899	1999 + 110 =	2109

V= 5	X= 10	L=50	C=100	D=500	M=1000	CX =110	CV =105

Vocabulary Ninja Answers

4^2	16	8 x 11	88	49 ÷ 100	0.49	14 x 10	140
5^2	25	6 x 11	66	21 ÷ 10	2.1	140 x 10	1400
6^2	36	7 x 11	77	2.9 ÷ 100	0.029	4.4 x 100	440
7^2	49	4 x 11	44	231 ÷ 10	23.1	0.4 x 10	4
8^2	64	6 x 12	72	547 ÷ 10	54.7	56 x 100	5600
9^2	81	5 x 10	50	4.3 ÷ 10	0.43	2.09 x 10	20.9
4^3	64	9 x 8	72	700 ÷ 10	70	0.4 x 10	4
6^3	216	8 x 6	48	50 ÷ 100	0.5	21.7 x 10	217
	square	1 cm =	10mm	1 Hour =	60 mins	0.5	1/2
		9cm =	90mm	1/2 Hour=	30 mins	0.2	1/5
	circle	23cm=	230mm	1 Day =	24 hrs	0.25	1/4
		3.5cm=	35mm	1 minute =	60 secs	0.1	1/10
	triangle	1m =	100 cm	Factors of 24		25%	0. 25
	pentagon	1km =	1000 mtrs	1, 2, 3, 4, 6, 8, 12, 24		12.5%	0.125
	rectangle	1000m =	1 km	Multiples of 5		50%	0.5
100p =	£1.00	1 mile =	1.6 km	5, 10, 15, 20, 25, 30, 35		75%	0.75
250p =	£2.50	10mm =	1 cm	Prime Numbers		14%	0.14
£4.73 =	473p	100cm =	1 mtr	2, 3, 5, 7, 11, 13, 17, 19		7%	0.07
Draw Parallel Lines				Formula for Area		Length X Width	
Degrees In Circle		360		Formula of Perimeter		L + L + W + W	
Degrees in Straight Line		180		Formula for Volume		Length X Width X Height	
V= 5	X= 10	L=50	C=100	D=500	M=1000	XV =15	XX =20

Vocabulary Ninja Answers

4^2	16	8 x 3	24	77 ÷ 100	0.77	54 x 10	540
5^2	25	6 x 3	18	49 ÷ 10	4.9	5.8 x 10	58
6^2	36	7 x 3	21	1.9 ÷ 100	0.019	4.7 x 100	470
7^2	49	4 x 3	12	380 ÷ 10	38	60 x 10	600
8^2	64	6 x 4	24	222 ÷ 10	22.2	47 x 100	4700
9^2	81	5 x 4	20	8.4 ÷ 10	0.84	4.78 x 10	47.9
4^3	64	9 x 4	36	120 ÷ 10	12	0.09 x 10	0.9
6^3	216	8 x 4	32	65 ÷ 100	0.65	41.9 x 10	419
100 more than 56	156	1 cm =	10 mm	1 Hour =	60 mins	0.5	1/2
		6cm =	60mm	1/2 Hour=	30 mins	0.2	1/5
100 less than 167	67	16cm=	160 mm	1 Day =	24 hrs	0.25	1/4
		6.2cm=	62mm	1 minute =	60 secs	0.1	1/10
100 more than 78	178	1m =	100 cm	Factors of 24		25%	0. 25
100 less than 345	245	1km =	1000 mtrs	1, 2, 3, 4, 6, 8, 12, 24		12.5%	0.125
100 more than 347	447	1000m =	1 km	Multiples of 6		50%	0.5
156p =	£1.56	1 mile =	1.6 km	6, 12, 18, 24, 30, 36		75%	0.75
345p =	£3.45	10mm =	1 cm	Prime Numbers		12%	0.12
£2.53 =	253p	100cm =	1 mtr	2, 3, 5, 7, 11, 13, 17, 19		2%	0.02

Order Low to High - 0.7 , 0.07 , 7.0 , 0.707	0.07, 0.7 , 0.707 , 7.0
Order Low to High - 4.7 , 7.4 , 0.47 , 0.74	0.47 , 0.74 , 4.7 , 7.4
Order Low to High - 24.3 , 23.4 , 43.2 , 42.3	23.4 , 24.3 , 42.3 , 43.2

V= 5	X= 10	L=50	C=100	D=500	M=1000	CC =200	LV = 55

Vocabulary Ninja Answers

9^2	81	6 x 10	60	32 ÷ 100	0.32	26 x 10	260
2^2	4	5 x 6	30	97 ÷ 10	9.7	5.4 x 10	54
8^2	64	4 x 20	80	4.5 ÷ 100	0.045	3.3 x 100	330
3^2	9	4 x 30	120	220 ÷ 10	22	40 x 10	40
7^2	49	6 x 10	60	635 ÷ 10	63.5	26 x 100	2600
4^2	16	10 x 16	160	2.2 ÷ 10	0.22	1.34 x 10	13.4
5^3	125	20 x 5	100	390 ÷ 10	39	0.45 x 10	4.5
6^3	216	25 x 4	100	49 ÷ 100	0.49	22.1 x 10	221
Double 150	300	1 cm =	10mm	1 Hour =	60 mins	0.5	1/2
		4cm =	40mm	1/2 Hour=	30 mins	0.2	1/5
Double 340	680	76cm=	760mm	1 Day =	24 hrs	0.25	1/4
		2.7cm=	27 mm	1 minute =	60 secs	0.1	1/10
Double 99	198	1m =	100 cm	Factors of 24		25%	0. 25
Double 199	398	1km =	1000 mtrs	1, 2, 3, 4, 6, 8, 12, 24		12.5%	0.125
Double 550	1100	1000m =	1 km	Multiples of 2		50%	0.5
103p =	£1.03	1 mile =	1.6 km	2, 4, 6, 8, 10, 12, 14, 16		75%	0.75
334p =	£3.34	10mm =	1 cm	Prime Numbers		18%	0.18
£1.43 =	143p	100cm =	1 mtr	2, 3, 5, 7, 11, 13, 17, 19		9%	0.09

1500 + 499 =	1999	999 - 98 =	901
3001 + 999 =	4000	201 + 3 =	204
599 + 200 =	799	199 - 101 =	98

V= 5	X= 10	L=50	C=100	D=500	M=1000	XC = 90	CX = 110

Vocabulary Ninja Answers

4^2	16	8 x 20	160	86 ÷ 100	0.86	61 x 10	610
5^2	25	6 x 20	120	64 ÷ 10	6.4	9.0 x 10	90
6^2	36	7 x 20	140	7.9 ÷ 100	0.079	5.1 x 100	510
7^2	49	4 x 20	80	450 ÷ 10	45	10 x 10	100
8^2	64	6 x 30	180	856 ÷ 10	85.6	48 x 100	4800
9^2	81	5 x 30	150	5.1 ÷ 10	0.51	3.08 x 10	30.8
4^3	64	9 x 30	270	230 ÷ 10	23	0.61 x 10	6.1
6^3	216	8 x 30	240	74 ÷ 100	0.74	71.8 x 10	718
Half of 86	43	1 cm =	10mm	1 Hour =	60 mins	0.5	1/2
		5cm =	50mm	1/2 Hour=	30 mins	0.2	1/5
Half of 92	46	61cm=	610 mm	1 Day =	24 hrs	0.25	1/4
		9.6cm=	96mm	1 minute =	60 secs	0.1	1/10
Half of 120	60	1m =	100 cm	Factors of 24		25%	0. 25
Half of 250	125	1km =	1000 mtrs	1, 2, 3, 4, 6, 8, 12, 24		12.5%	0.125
Half of 460	230	1000m =	1 km	Multiples of 9		50%	0.5
1p =	£0.01	1 mile =	1.6 km	9, 18, 27, 36, 45, 54, 63		75%	0.75
75p =	£0.75	10mm =	1 cm	Prime Numbers		22%	0.22
£1.45 =	145p	100cm =	1 mtr	2, 3, 5, 7, 11, 13, 17, 19		6%	0.06

15 - 6 x 2 =	3	4 + (3 x 6) =	22
40 - (7 x 2) =	26	5 + 9 - 4 =	10
25 x 2 - 19 =	31	6 x 6 - (4 x 2) =	28

V= 5	X= 10	L=50	C=100	D=500	M=1000	MC =1100	CM =900

Vocabulary Ninja Answers

4^2	16	40 x 3	120	88 ÷ 100	0.88	51 x 10	510
5^2	25	5 x 50	250	18 ÷ 10	1.8	9.1 x 10	91
6^2	36	60 x 2	120	7.2 ÷ 100	0.072	9.6 x 100	960
7^2	49	20 x 10	200	410 ÷ 10	41	20 x 10	200
8^2	64	70 x 3	210	721 ÷ 10	72.1	37 x 100	3700
9^2	81	4 x 80	320	5.9 ÷ 10	0.59	7.14 x 10	71.4
4^3	64	90 x 2	180	180 ÷ 10	18	0.96 x 10	9.6
6^3	216	60 x 4	240	27 ÷ 100	0.27	62.1 x 10	621
	square	1 cm =	10mm	1 Hour =	60 mins	0.5	1/2
		8cm =	80mm	1/2 Hour=	30 mins	0.2	1/5
	circle	86cm=	860 mm	1 Day =	24 hrs	0.25	1/4
		2.8cm=	28mm	1 minute =	60 secs	0.1	1/10
	triangle	1m =	100 cm	Factors of 24		25%	0. 25
	pentagon	1km =	1000 mtrs	1, 2, 3, 4, 6, 8, 12, 24		12.5%	0.125
	rectangle	1000m =	1 km	Multiples of 12		50%	0.5
270p =	£2.70	1 mile =	1.6 km	12, 24, 36, 48, 60, 72		75%	0.75
175p =	£1.75	10mm =	1 cm	Prime Numbers		11%	0.11
£1.14 =	114p	100cm =	1 mtr	2, 3, 5, 7, 11, 13, 17, 19		1%	0.01

10% of 234	23.4	20% of 400 =	80
10% of 1580	158	20% of 330 =	66
10% of 45	4.5	20% of 240 =	48

V= 5	X= 10	L=50	C=100	D=500	M=1000	LX = 60	XL = 40