

Maths Answers

Written numbers Answers

516 283	Five hundred and sixteen thousand, two hundred and eighty three
787 865	Seven hundred and eighty seven thousand, eight hundred and sixty five
3 883 091	Three million, eight hundred and eighty three thousand and ninety one
7 060 696	Seven million and sixty thousand, six hundred and ninety six
10 000 000	Ten million
8 589 130	Eight million, five hundred and eighty nine thousand, one hundred and thirty
1 645 099	One million, six hundred and forty five thousand and ninety nine
9 840 781	Nine million, eight hundred and forty thousand, seven hundred and eighty one
5 709 118	Five million, seven hundred and nine thousand, one hundred and eighteen

7 112 098	Seven million, one hundred and twelve thousand and ninety-eight
2 245 590	Two million, two hundred and forty-five thousand, five hundred and ninety
9 390 519	Nine million, three hundred and ninety thousand, five hundred and nineteen
1 101 010	One million, one hundred and one thousand and ten

Ordering Numbers Answers

Order the numbers from smallest to highest.

22 212 22 012 12 201 12 022 21 220

76 767 67 677 77 776

48 849 49 848 48 489 49 994 49 999

16 616 61 616 16 166 66 611 66 616

72 720 27 770 7770 7720 27 707

965 695 966 596 965 599 966 659 966 569

787 778 787 787 788 788 788 877 787 877

635 645 366 355 635 563 634 654 635 633

155 515 55 551 55 155 155 551 151 515

200 091 29 001 202 901 200 912 92 210

3 345 453 3 354 345 345 354 4 453 534 454 543

707 700 7 777 707 777 700

9 962 269 9 629 296 6 629 269 2 296 962 2 926 926

7 735 500 7 537 700 777 500 555 300 7 735 700

1 110 001 1 111 010 111 110 10 000 000 1 110 100

Riddles Answers



Card 1: 648

Card 2: 703

Card 3: 119

Card 4: 7426



Card 1: 5559

Card 2: 399

Card 3: 99906

Card 4: 15977



Card 1: 13 648

Card 2: 42 886

Card 3: 703 291

Card 4: 128 749

Crossnumber Answers

^a 1	^b 3	4	^c 2	7	5	^d 6		^e 5	^f 1	8	^g 4
	4		4			^h 3	6	8	7		5
ⁱ 1	6	5	4	8	^j 2	6			5		5
	7		9		^k 8	5	7		^l 6	0	6
^m 8	8	1	2	ⁿ 2		4			0		1
			^o 3	6	7			^p 1	8	2	1
^q 3	0	^r 4	5			^s 4	^t 6	1			
0		6			^u 6		^v 7	6	5	^w 3	9
^x 9	5	7		^y 5	7	^z 9		5		1	
0		8			^{aa} 1	5	0	0	4	3	6
6		^{bb} 5	^{cc} 3	0	0			9		2	
^{dd} 9	0	4	5		^{ee} 1	9	7	5	0	5	3

Negative Numbers Answers

Start	+5	-17	+22	-31	+26
6	-5	-22	0	-15	22
17	11	-4	7	-24	-5
-10	22	-15	16	-13	11
8	2	5	27	-31	2
-3	13	-6	18	-4	13

Negative Numbers and Temperature Answers

1.

- a. -8°C , -6°C , -4°C , -1°C , 2°C ,
- b. -15°C , -11°C , 6°C , 10°C , 14°C
- c. -25°C , -23°C , -13°C , 12°C , 16°C , 18°C , 20°C

2.

- a. -4°C
- b. -8°C
- c. -17°C
- d. -6°C

3.

- a. 11°C
- b. 13°C
- c. -2°C
- d. 8°C
- e. 18°C
- f. -11°C
- g. -9°C

Negative Numbers and Money Answers

1	£222
2	-£132
3	£12
4	£46

Negative Number Problems Answers

1) Complete these calculations.

a) What is 7 less than -2? -9

b) $-5 + 11 = 6$

c) What is 12 taken from 5 = -7

d) Add 8 to -9 = -1

e) $-10 + 14 = 4$

3)

Town	January	Temperature change	February	Temperature change	March
Twinkl Town	-5°C	$+8^{\circ}\text{C}$	3°C	$+7^{\circ}\text{C}$	10°C
Education Avenue	-1°C	-8°C	-9°C	10°C	1°C
Learning Lane	-11.3°C	-6°C	-17.3°C	12.3°C	-5°C

2)

I have a $-\text{£}17$ balance in my bank account. I put $\text{£}15$ into my account. What is my new balance?	$-\text{£}2$
My bank account has $\text{£}35$ in it. I spend $\text{£}49$ pounds. What is my new bank account balance?	$-\text{£}14$
I spend $\text{£}35$ on a new bike. The balance in my bank account is now $-\text{£}18$. How much money did I have in my account before I bought the bike?	$\text{£}17$

Rounding to 100 Answers

1. 362 to the nearest 100 = 400
2. 565 to the nearest 100 = 600
3. 849 to the nearest 100 = 800
4. 623 to the nearest 100 = 600
5. 715 to the nearest 100 = 700
6. 890 to the nearest 100 = 900
7. 321 to the nearest 100 = 300
8. 245 to the nearest 100 = 200
9. 550 to the nearest 100 = 600
10. 376 to the nearest 100 = 400

Rounding to 1000, 10,000 and 100,000 Answers

1. Round each of these numbers to the nearest 1000 and 10 000. Use the number lines below to help you.

Number	Rounded to the nearest 1000	Rounded to the nearest 10 000
45 789	46 000	50 000

Number	Rounded to the nearest 1000	Rounded to the nearest 10 000
23 189	23 000	20 000

Rounding to 1000, 10,000 and 100,000 Answers

2. Round each of these numbers to the nearest 1000, 10 000 and 100 000. Use the number line below to help you.

Number	Rounded to the nearest 1000	Rounded to the nearest 10 000	Rounded to the nearest 100 000
361 902	362000	360 000	400 000

Number	Rounded to the nearest 1000	Rounded to the nearest 10 000	Rounded to the nearest 100 000
759 876	760 000	760 000	800 000

Rounding to 1000, 10,000, 100,000 and 1,000,000 Answers

1. Round the following numbers to the nearest 1000, 10 000 and 100 000.

Number	Rounded to the nearest 1000	Rounded to the nearest 10 000	Rounded to the nearest 100 000
235 784	236 000	240 000	200 000
537 182	537 000	540 000	500 000
137 872	138 000	140 000	100 000
872 538	873 000	870 000	900 000

2. Round the following numbers to the nearest 1000, 10 000, 100 000 and 1 000 000.

Number	Rounded to the nearest 1000	Rounded to the nearest 10 000	Rounded to the nearest 100 000	Rounded to the nearest 1 000 000
3 476 389	3 476 000	3 480 000	3 500 000	3 000 000
7 307 381	7 307 000	7 310 000	7 300 000	7 000 000
5 937 037	5 937 000	5 940 000	5 900 000	6 000 000
4 502 378	4 502 000	4 500 000	4 500 000	5 000 000

Rounding to 1000, 10,000, 100,000 and 1,000,000 Answers

3. Circle the numbers that would make 570 000 when rounded to the nearest 10 000.

562 893	568 291	566 873	565 032
562 278	567 519	565 499	561 499

4. Circle the numbers that would make 4 700 000 when rounded to the nearest 100 000.

4 738 347	4 742 873	4 782 674	4 755 278
4 735 278	4 779 378	4 796 278	4 735 295

Identifying Decimal Digits Answers

1. Find all the numbers above that have the following:

7 in the tenths place	0.77, 0.79, 0.72, 0.73, 0.74, 0.78
4 in the hundredths place	0.14, 0.24, 0.54, 0.74, 0.34
1 in the tenths place	0.14, 0.1, 0.13, 0.12, 0.17, 0.19
3 in the hundredths place	0.13, 0.03, 0.63, 0.73, 0.33
5 in the tenths place	0.5, 0.52, 0.56, 0.54, 0.55, 0.56, 0.59
9 in the hundredths place	0.79, 0.19, 0.69, 0.09, 0.29, 0.59,
2 in the tenths place and 6 in the hundredth place	0.26

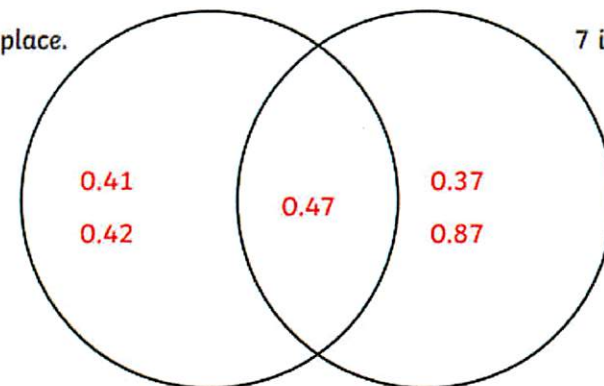
2. Complete this Venn Diagram with these numbers.

0.47 0.37 0.12 0.53 0.87 0.41 0.79 0.19 0.42

4 in the tenths place.

7 in the hundredths place.

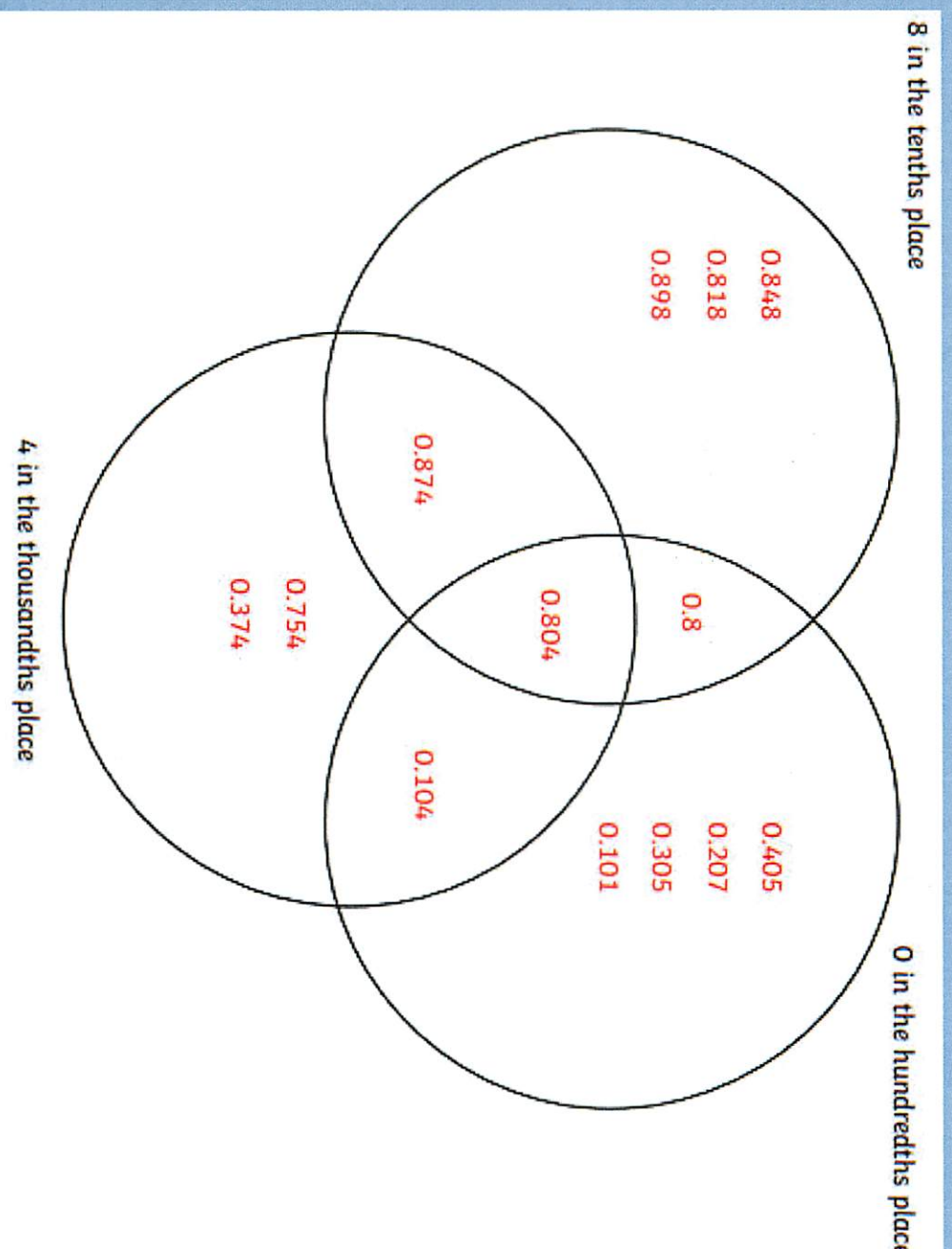
0.53
0.79
0.12
0.19



Identifying the Value of Decimal Digits Answers

	9 in the hundredths place	not 9 in the hundredths place
8 in the tenths place	0.89	0.81, 0.85
not 8 in the tenths place	0.99, 0.69, 0.19	0.43, 0.33, 0.98, 0.07, 0.97, 0.96, 0.91, 0.93, 0.36, 0.16, 0.56, 0.22, 0.52, 0.31, 0.24, 0.15, 0.25, 0.62

Identifying the Value of Decimal Digits Answers



Ordering Decimals Answers

1.	0.61	0.58	0.42	0.2	0.81
	0.2	0.42	0.58	0.61	0.81
2.	0.57	0.29	0.14	0.48	0.26
	0.14	0.26	0.29	0.48	0.57
3.	0.67	0.09	0.7	0.28	0.81
	0.09	0.28	0.67	0.7	0.81
4.	0.03	0.86	0.49	0.71	0.94
	0.03	0.49	0.71	0.86	0.94
5.	0.37	0.59	0.53	0.15	0.05
	0.05	0.15	0.37	0.53	0.59

6.	0.82	0.53	0.06	0.44	0.16
	0.06	0.16	0.44	0.53	0.82
7.	0.14	0.27	0.4	0.9	0.35
	0.14	0.27	0.35	0.4	0.9
8.	0.06	0.51	0.05	0.77	0.54
	0.05	0.06	0.51	0.54	0.77
9.	0.75	0.03	0.45	0.56	0.77
	0.03	0.45	0.56	0.75	0.77
10.	0.96	0.05	0.36	0.1	0.93
	0.05	0.1	0.36	0.93	0.96

Arithmetic Paper 1 Answers

1	$9 \times 1 = \square$	9
2	$\square \div 5 = 3$	15
3	$\square = 6 \times 0$	0
4	$\square = 30 \times 10$	300
5	$84 \div 12 = \square$	7
6	$\square^2 = 81$	9
7	$\frac{1}{2} - \frac{1}{10} = \square$	$\frac{4}{10}$ (or equiv)
8	$0.4 + \square = 1$	0.6
9	$4^3 = \square$	64
10	$\square = \frac{3}{8}$ of 40	15
11	$1 = 0.7 + \square$	0.3
12	$7149 \times 4 = \square$	28 596
13	$63 + \square = 421$	358
14	$815 \div 7 = \square$	116 r3
15	$1 - \square = 0.2$	0.8
16	$902 - 459 = \square$	443

17	$26 + 3829 = \square$	3855
18	$\square = 64.3 + 8.2$	72.5
19	$1.72 \div 100 = \square$	0.0172
20	$6315 \div 5 = \square$	1263
21	$\square = \frac{7}{10}$ of 400	280
22	$35 \times 23 = \square$	805
23	$\frac{1}{9} + \frac{4}{90} = \square$	$\frac{14}{90}$ (or equiv)
24	$\square = 9134 - 56$	9078
25	$8 \times 14 \times 5 = \square$	560
26	$289 + 35.1 = \square$	324.1
27	$3252 = 6 \times \square$	542
28	$197 \times 58 = \square$	11 426

Arithmetic Paper 2 Answers

1	$0 \times 14 = \square$	0
2	$\square = 21 \div 1$	21
3	$\frac{1}{8}$ of 32 = $\square$	4
4	$1 = 0.3 + \square$	0.7
5	$6400 \div 10 = \square$	640
6	$12 \times 9 = \square$	108
7	$\square + 0.8 = 1$	0.2
8	$6^2 = \square$	36
9	$2 + 7 = 5 + \square$	4
10	$\frac{1}{3} + \frac{2}{9} = \square$	$\frac{5}{9}$ (or equiv)
11	$731 - 536 = \square$	195
12	$\square = 132 \div 11$	12
13	$438 = 6 \times \square$	73
14	$639 - 62 = \square$	577
15	$4 \times 5 = 25 - \square$	5
16	$2843 \times 8 = \square$	22 744

17	$\square = 29.2 - 3.44$	25.76
18	$3912 \div 6 = \square$	652
19	$\frac{4}{5}$ of 60 = $\square$	48
20	$423.8 \times 1000 = \square$	423 800
21	$\frac{3}{4} - \frac{5}{16} = \square$	$\frac{7}{16}$ (or equiv)
22	$\square - 2 = 6 \times 3$	20
23	$72 \times 33 = \square$	2376
24	$\square^3 = 125$	5
25	$73 + 84.72 = \square$	157.72
26	$735 - \square = 444$	291
27	$\square = 5000 - 2432$	2568
28	$289 \times 46 = \square$	13 294

Arithmetic Paper 3 Answers

Question number	Question	Answer
1	$\square = 18 \times 1$	18
2	$12 \div 6 = \square$	2
3	$11 \times 0 = \square$	0
4	$200 \times 100 = \square$	20 000
5	$3^3 = \square$	27
6	$6145 \times 2 = \square$	12 290
7	$1 = \square + 0.1$	0.9
8	$\square \times 9 = 54$	6
9	$42 = 16 + \square$	26
10	$\square^2 = 144$	12
11	$\frac{3}{4} + \frac{1}{8} = \square$	$\frac{7}{8}$ (or equiv)
12	$628 + \square = 851$	223
13	$925 \div 4 = \square$	231 r1
14	$800 - 543 = \square$	257
15	$85 \div \square = 5$	17
16	$\square = 40 \times 45 \times 5$	9000

17	$7408 - 29 = \square$	7379
18	$3296 = \square \times 8$	412
19	$27 + 13 = \square \times 4$	10
20	$\frac{5}{12}$ of 84 = $\square$	35
21	$\square = 364 + 8 + 2977$	3349
22	$40 \times 70 = \square$	2800
23	$\frac{3}{10} - \frac{3}{40} = \square$	$\frac{9}{40}$ (or equiv)
24	$8078 \div 7 = \square$	1154
25	$34 \times 21 = \square$	714
26	$\square = 4.1 \div 100$	0.041
27	$83 - 6.92 = \square$	76.08
28	$718 \times 29 = \square$	20 822