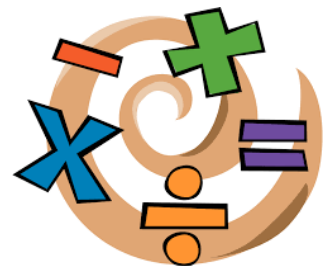


Hello!

The Maths department have put together a selection of tasks for you to complete. Do what you can and don't worry if you get a bit stuck!

Don't forget that you can still work on Mathletics and there is also some online tasks and games on the school website.



Counting in 1000s

Complete the following sequences:

a) 1000 2000 3000 _____ 5000 _____

b) 9000 8000 _____ 6000 _____ 4000

c) _____ 5000 6000 7000 _____ 9000

d) 8000 _____ _____ 5000 4000 3000

e) 6000 _____ 8000 9000 _____ 11 000

f) _____ 11 000 10 000 _____ 8000 7000

g) 16 000 15 000 _____ 13 000 _____ 11 000

h) 19 000 _____ _____ 22 000 23 000 24 000

i) _____ _____ 27 000 28 000 29 000 30 000

j) 76 000 75 000 _____ _____ 72 000 71 000

Challenge: Can you count on in thousands from these numbers?



k) 187 000 _____

l) 462 000 _____

m) 698 000 _____

Can you complete these?

n) _____ 345 000 _____

o) _____ 501 000 _____

p) _____ 970 000

Counting in 1000s Not From 0

Complete the following sequences:

a) 1013 2013 3013 _____ 5013 _____

b) 10 472 9472 _____ 7472 _____ 5472

c) _____ 5706 6706 7706 _____ 9706

d) 12 293 _____ _____ 9293 8293 7293

e) 6038 _____ 8038 9038 _____ 11 038

f) _____ 11 720 10 720 _____ 8720 7720

g) 26 671 25 671 _____ 23 671 _____ 21 671

h) 19 337 _____ _____ 22 337 23 337 24 337

i) _____ _____ 47 405 48 405 49 405 50 405

j) 66 049 65 049 _____ _____ 62 049 61 049

Challenge: can you count on in thousands from these numbers?



k) 104 892 _____ _____ _____ _____ _____ _____

l) 386 315 _____ _____ _____ _____ _____ _____

m) 740 012 _____ _____ _____ _____ _____ _____

Can you complete these?

n) _____ _____ 290 891 _____ _____ _____ _____

o) _____ _____ _____ _____ 601 098 _____ _____

p) _____ _____ _____ _____ _____ _____ 930 660

Counting in 6,7 and 9

Complete the following sequences:

a) _____ 12 18 24 30 _____

b) 49 42 _____ 28 _____ 14

c) _____ 45 54 63 _____ 81

d) 90 _____ 72 66 60

e) 56 _____ 70 77 _____ 91

f) _____ 126 120 _____ 108 102

g) 99 108 _____ 126 _____ 144

h) 112 _____ 126 133 140

i) _____ 180 186 192 198

j) 210 203 _____ 189 175

Continue the following sequences:

k) 35 41 47 _____

l) 2 11 20 _____

m) 40 47 54 _____

n) 100 106 112 _____

o) 99 106 113 _____

p) 300 291 282 _____

q) 172 166 160 _____

r) 31 40 49 _____

s) 86 79 72 _____



Challenge[☆]



Choose a starting number and count in 6s, 7s and 9s from that number. What is the difference between each number you end up at? Can you explain why?

Counting in 25s Worksheet

Aim – I can count in 25s from any given number.

Can you complete these sequences by counting in 25s?

1.

0	25			
---	----	--	--	--

2.

175			250	
-----	--	--	-----	--

3.

550	575			
-----	-----	--	--	--

4.

				975
--	--	--	--	-----

5.

		725		
--	--	-----	--	--

6.

725				
-----	--	--	--	--

Look at these sequences which start from a number other than 0 but still go up in 25s. In each line one of the numbers is wrong. Can you circle it? The first one is done for you.

7. 55 70 105 130 155 180

8. 16 41 56 91 116 141

9. 115 140 165 190 212 240

10. 499 524 549 574 594 624

11. 879 904 939 954 979 1004

12. 1042 1076 1101 1126 1151 1176



Pathway 5

Number Partitioning

1.

$403623 = \quad + \quad + \quad + \quad + \quad$

2.

$500\,000 + 60\,000 + 3000 + 600 + 10 = \quad$

3.

$400\,000 + 70\,000 + 3000 + 400 + 80 + 4 = \quad$

4.

$800\,000 + 6000 + 300 + 20 + 8 = \quad$

5.

$100\,000 + 10\,000 + 1000 + 400 + 90 + 7 = \quad$

6.

$728429 = \quad + \quad + 8000 + \quad + 20 + \quad$

Ordering Numbers to 10 000

Fill in the spaces below with the numbers in order from smallest to largest.

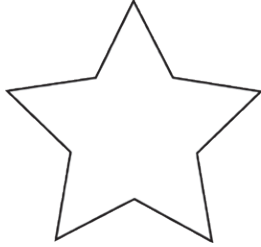
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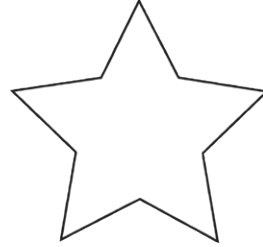
2012



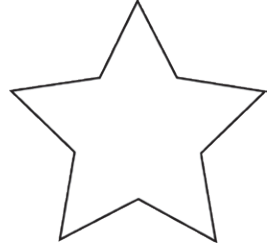
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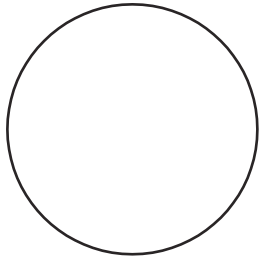
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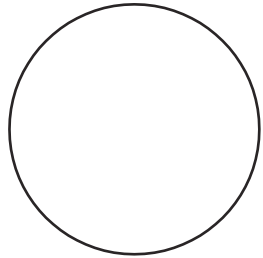
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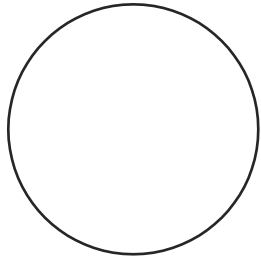
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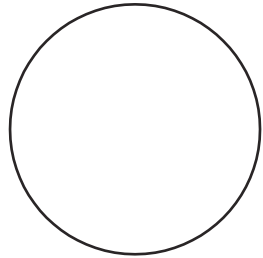
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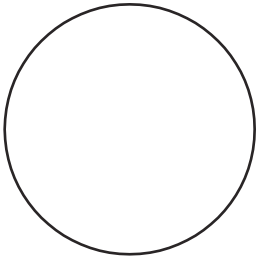
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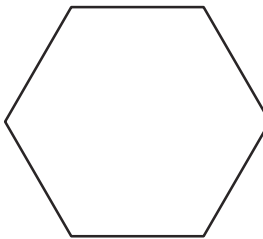
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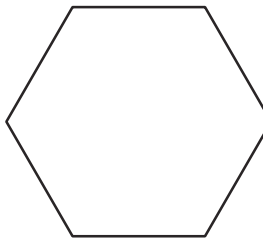
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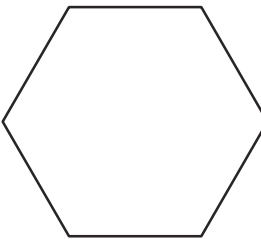
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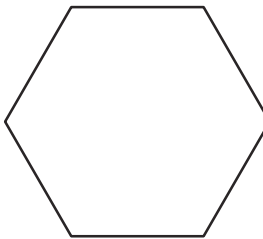
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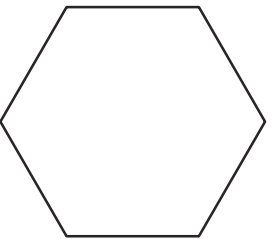
4489



4994



449



1161



6161



1616



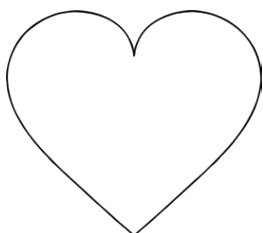
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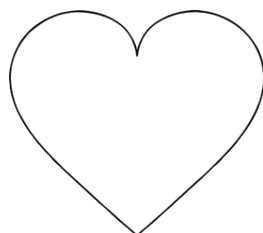
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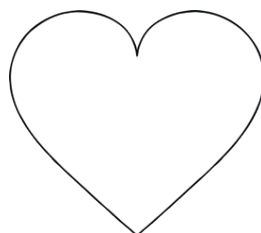
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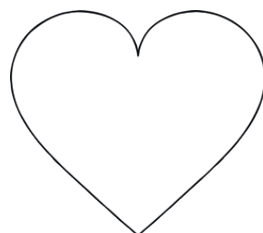
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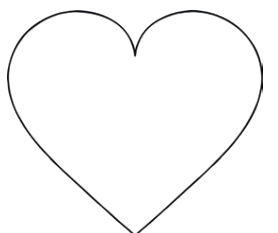
770



720



2707



Ordering Numbers to 100 000

Fill in the spaces below with the numbers in order from smallest to largest.

35 435



34 534



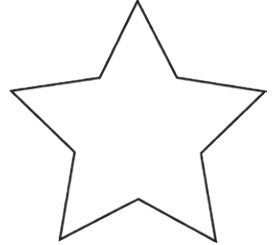
35 533



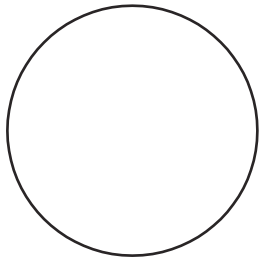
34 453



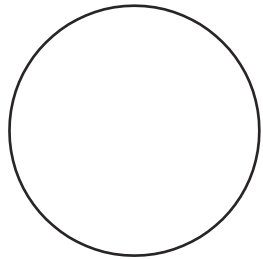
34 543



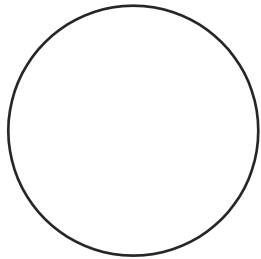
89 998



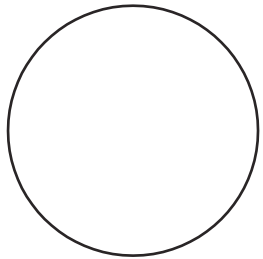
89 989



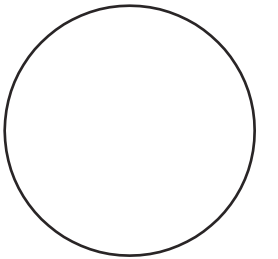
88 988



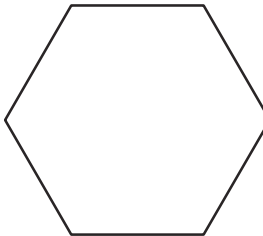
88 899



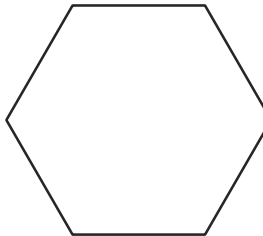
89 899



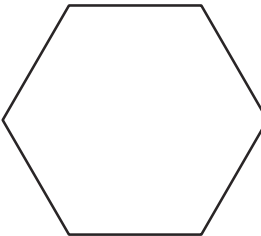
17 717



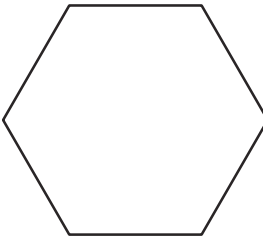
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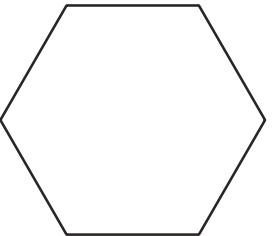
7177



77 717



71 717



25 645



26 255



25 562



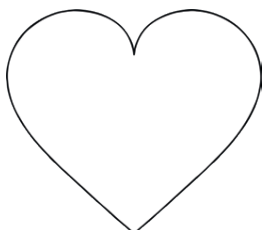
24 654



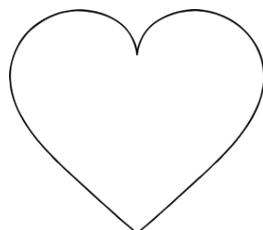
25 622



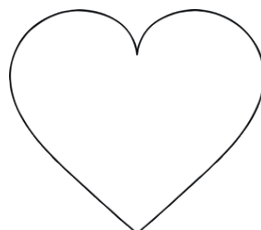
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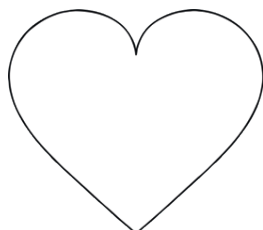
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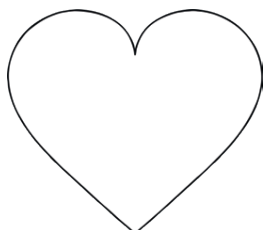
4901



914



9410



Ordering Numbers to 1 000 000

Fill in the spaces below with the numbers in order from smallest to largest.

245 452



254 245



45 254



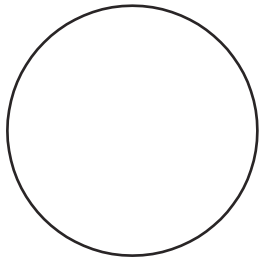
452 524



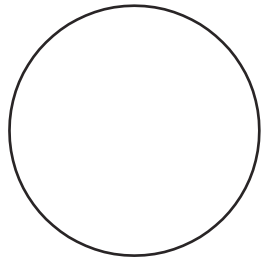
54 542



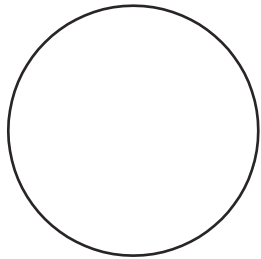
90 900



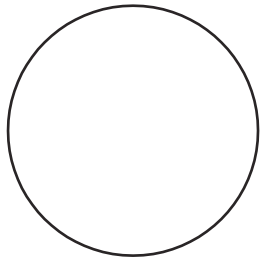
909 009



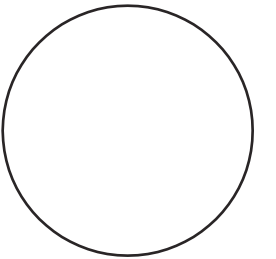
999 909



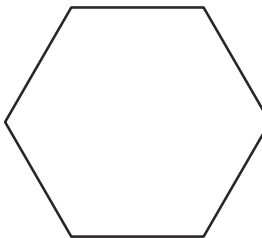
990 009



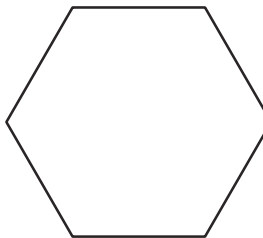
99 900



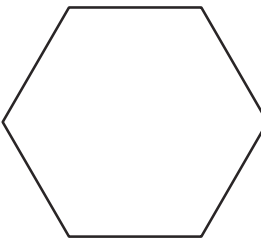
368 863



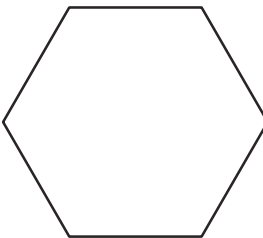
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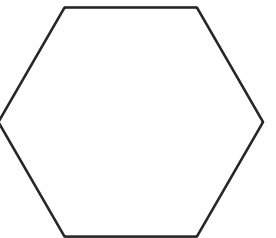
683 863



836 368



386 386



725 500



527 700



77 500



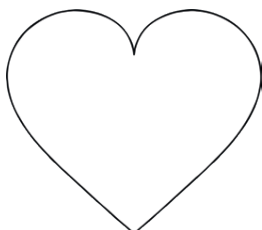
55 200



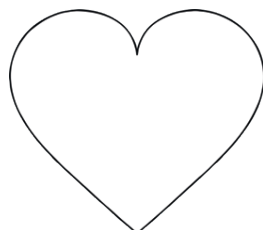
725 700



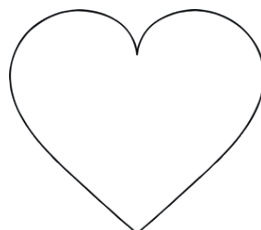
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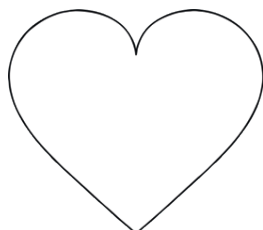
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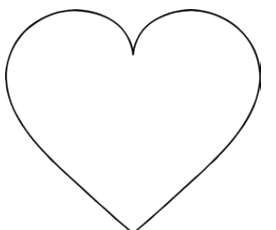
11 110



111 101



110 100



Writing Numbers to 1 000 000 in Words



Write the following words in numbers:

23 443	Twenty-three thousand, four hundred and forty-three
51 623	
78 785	
33 091	
60 696	
402 341	
589 130	
645 099	
840 781	
709 118	
112 098	
245 590	
390 519	
101 010	

Writing Numbers to 1 000 000 in Words



Write the following words in numbers:

Two hundred and forty-five thousand, eight hundred and forty-six	245 846
Six hundred thousand, seven hundred and thirty-two	
Nine hundred and thirteen thousand, five hundred and forty-one	
Seven hundred and fifteen thousand, two hundred and twenty-eight	
Four hundred and six thousand, seven hundred and ninety-four	
Nine hundred and thirty-six thousand, two hundred and fifty-five	
One hundred and seventeen thousand and four	
Five hundred and thirty-five thousand, seven hundred and six	
Two hundred thousand and twenty-two	
Four hundred and eighty-eight thousand and sixty	
Eight hundred and forty-eight thousand, nine hundred and three	
Nine hundred and ninety-one thousand, one hundred and nineteen	
One hundred and ninety-nine thousand, nine hundred and nineteen	
Five hundred and fifteen thousand, one hundred and fifty-one	