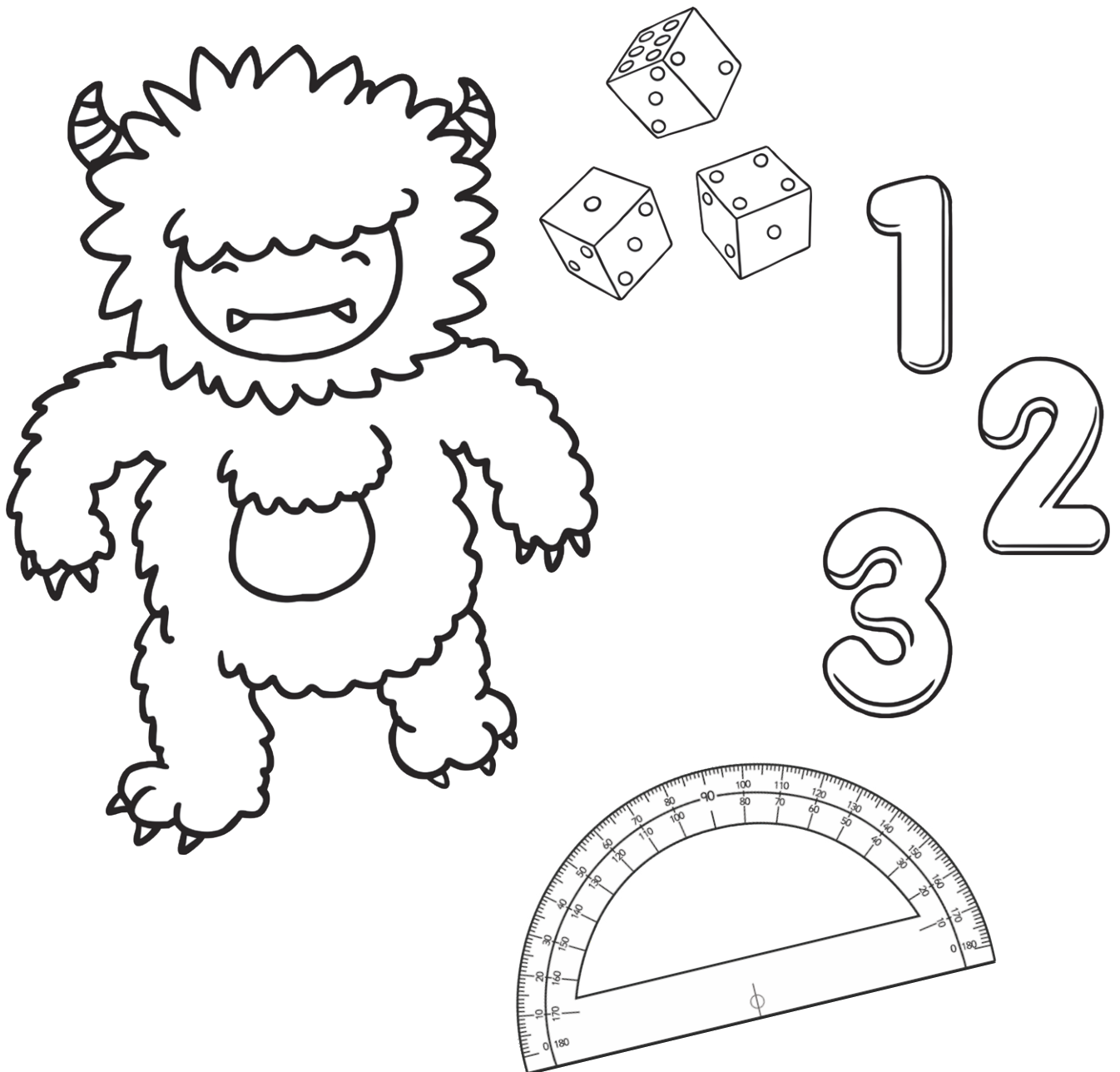


Year 3 Maths Number and Place Value Workbook Answers



Home Learning Year 3 Maths

Workbook Pack

Year 3 Programme of Study - Number and Place Value

Statutory Requirements	Worksheet	Page Number	Notes
Count from 0 in multiples of 4, 8, 50 and 100; find 10 or 100 more or less than a given number	Counting in 4s, 8s, 50s and 100s worksheet. 10 More 10 Less Worksheet 100 More 100 Less Robots Activity Sheets 1, 2 and 3	3 - 7	
Compare and order numbers up to 1000	Ordering Numbers to 1000 Worksheet 1 and 2	8 - 9	
Identify, represent and estimate numbers using different representations	Estimate Addition Calculations Worksheet Estimate Subtraction Calculations Worksheet Estimate on 0-1000 Number Line Worksheet Estimate on Different Number Lines Worksheet	10 - 13	
Read and write numbers up to 1000 in numerals and in words	Writing Numbers in Words	14 - 16	

Counting in 4s, 8s, 50s and 100s

Complete the following sequences:

a) 4 8 12 16 20 24

f) 72 64 56 48 40 32

b) 64 56 48 40 32 24

g) 350 400 450 500 550 600

c) 50 100 150 200 250 300

h) 1100 1000 900 800 700 600

d) 900 800 700 600 500 400

i) 92 88 84 80 76 72

e) 56 60 64 68 72 76

j) 80 88 96 104 112 120

Continue the following sequences:

k) 4 8 12 16 20 24 28 32 36 40 44 48 52 56

l) 8 16 24 32 40 48 56 64 72 80 88 96 104 112

m) 50 100 150 200 250 300 350 400 450 500 550 600 650 700

n) 100 200 300 400 500 600 700 800 900 1000 1100 1200 1300 1400

o) 80 84 88 92 96 100 104 108 112 116 120 124 128 132

p) 1250 1200 1150 1100 1050 1000 950 900 850 800 750 700 650 600

q) 144 136 128 120 112 104 96 88 80 72 64 56 48 40

r) 1500 1400 1300 1200 1100 1000 900 800 700 600 500 400 300 200

s) 124 120 116 112 108 104 100 96 92 88 84 80 76 72



Challenge

Explain the relationship between counting in 4s and 8s and compare this to the relationship between counting in 50s and 100s.

1. Can you fill in the missing numbers in these pieces snipped from number squares?
Don't forget you can have number squares that are bigger than 0-100

1.

	36	
45	46	47
	56	

2.

	7	
16	17	18
	27	

3.

	53	
62	63	64
	73	

4.

	42	
51	52	53
	62	

5.

	88	
97	98	99
	108	

6.

	93	
102	103	104
	113	

7.

	126	
135	136	137
	146	

8.

	184	
193	194	195
	204	

2. Look at the amounts these children have saved. How much would they have if they spent £10 or if they saved £10 more?

1.

- £10	£37	+ £10

2.

£3	£13	£23

3.

£38	£48	£58

4.

£83	£93	£103

5.

£99	£109	£119

6.

£121	£131	£141

7.

£0	£10	£20

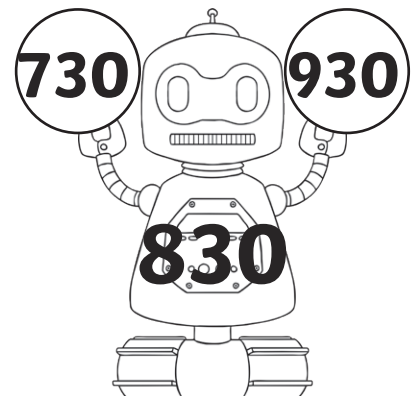
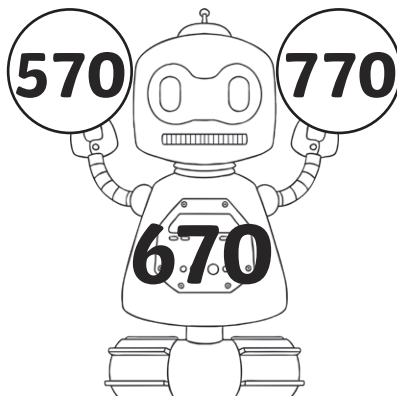
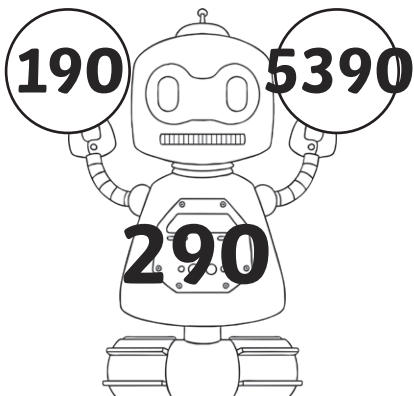
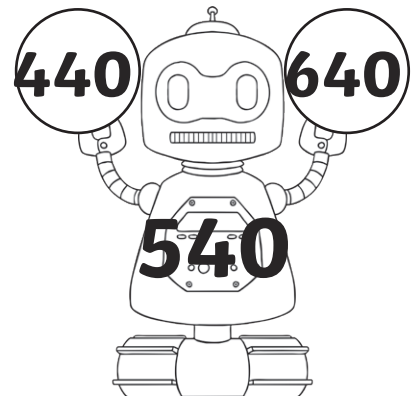
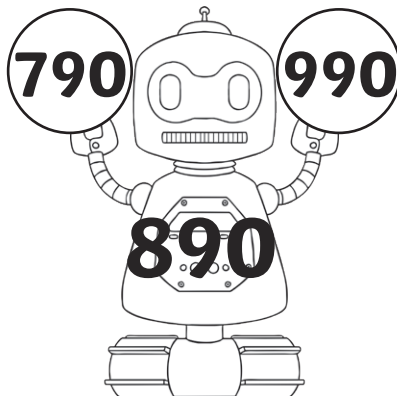
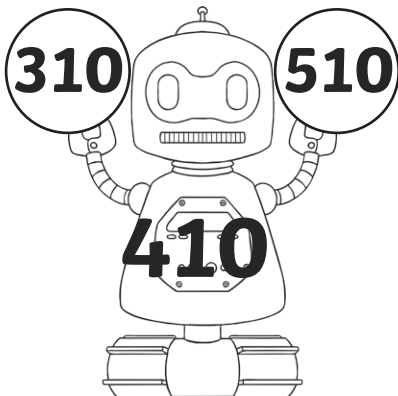
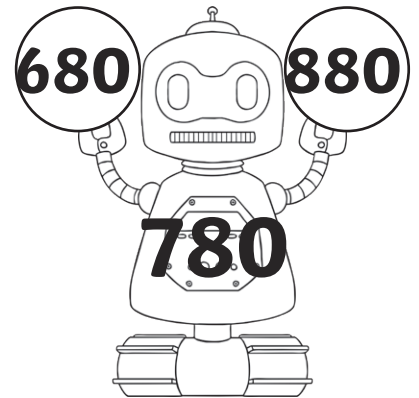
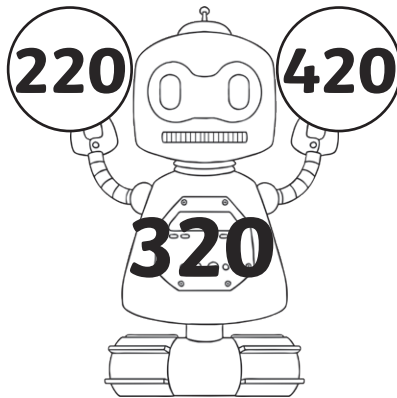
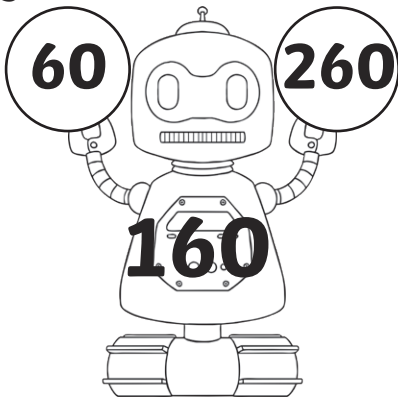
8.

£188	£198	£208

100 More and 100 Less Worksheet 1

Can you find 100 more than and 100 less than the number in the robot's tummy?

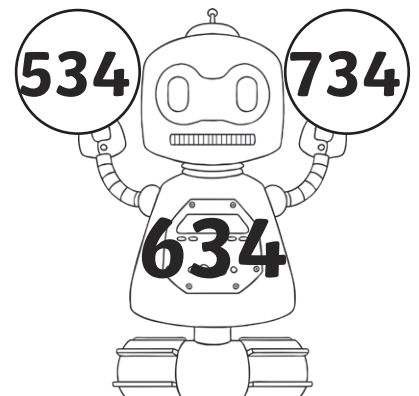
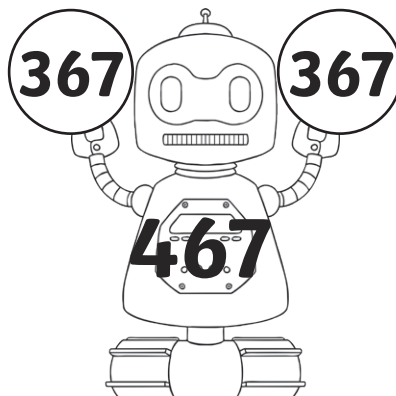
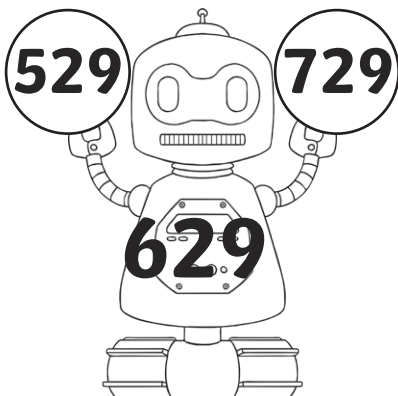
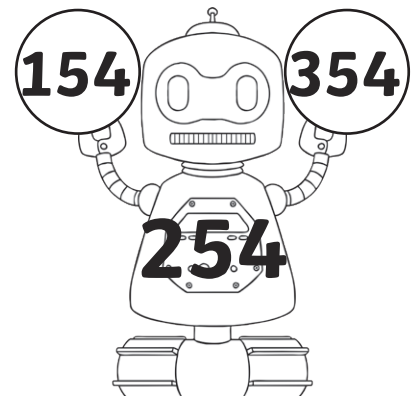
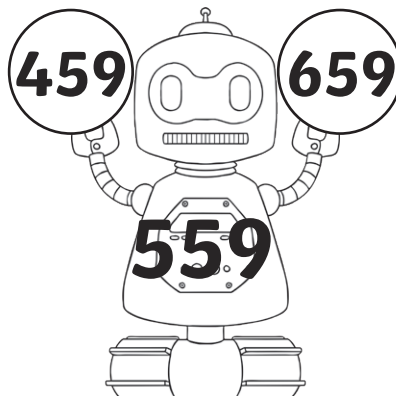
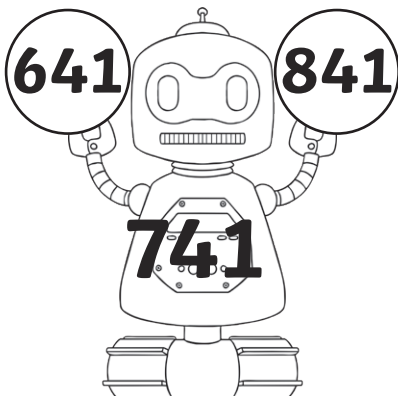
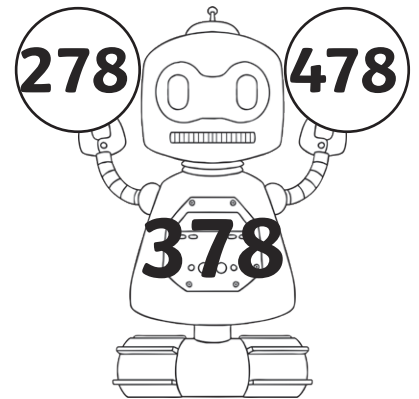
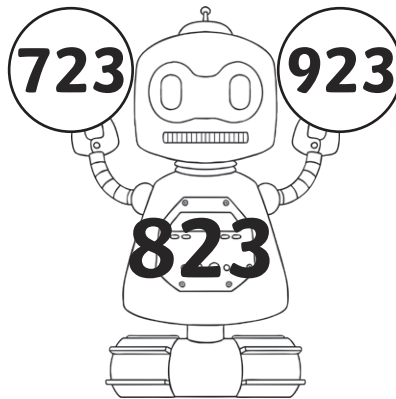
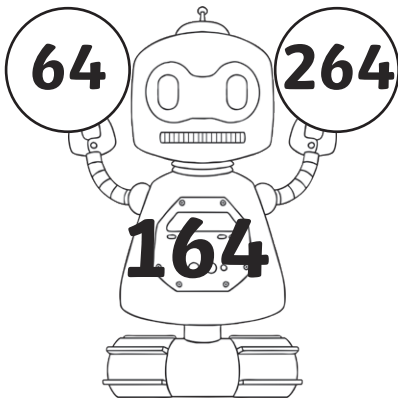
E.g.



100 More and 100 Less Worksheet 2

Can you find 100 more than and 100 less than the number in the robot's tummy?

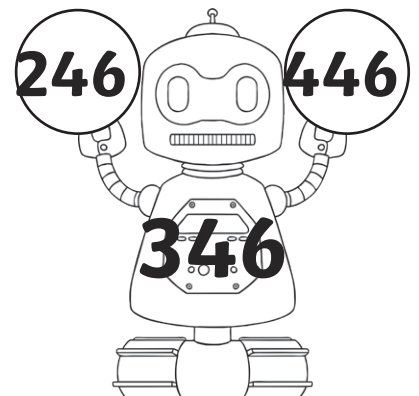
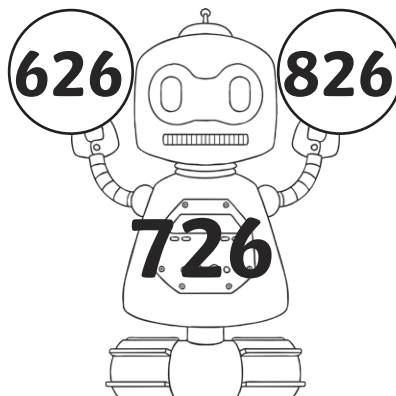
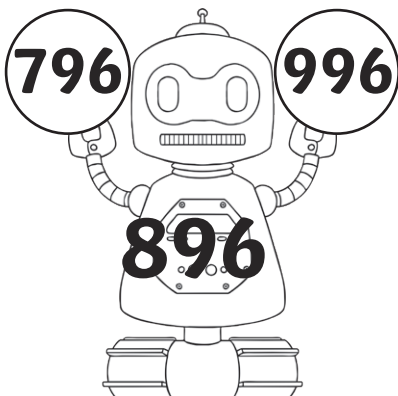
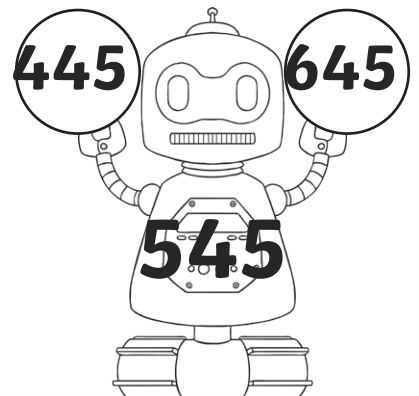
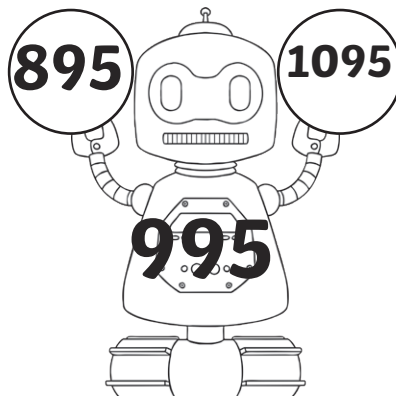
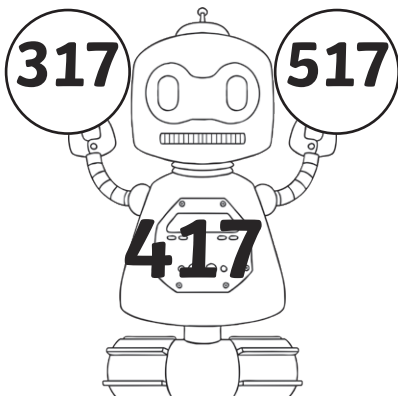
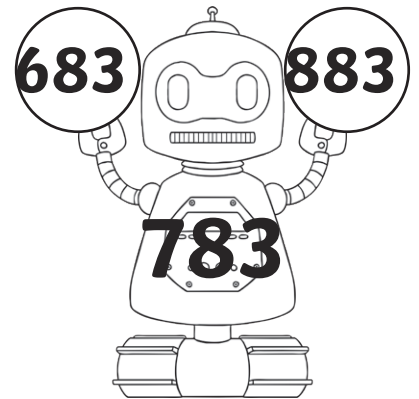
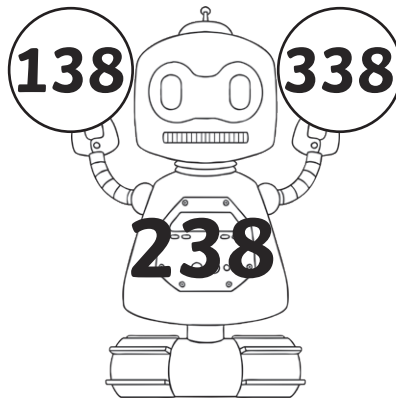
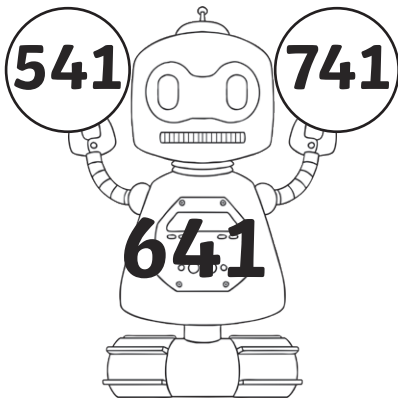
E.g.



100 More and 100 Less Worksheet 3

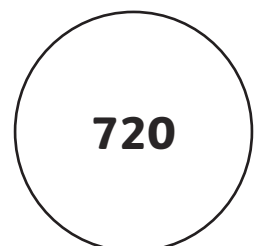
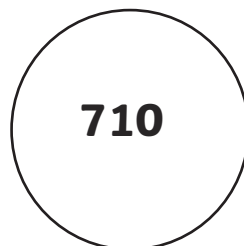
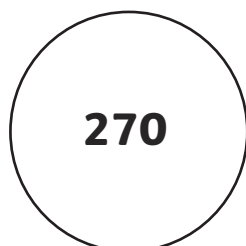
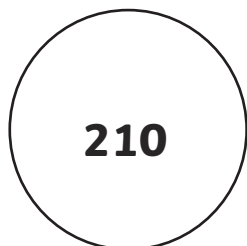
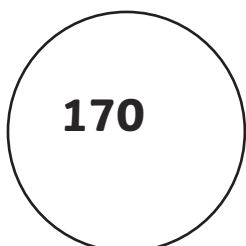
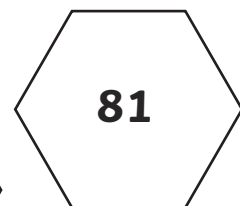
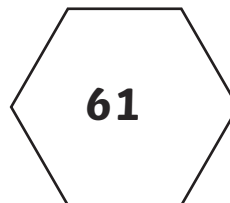
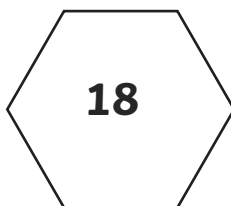
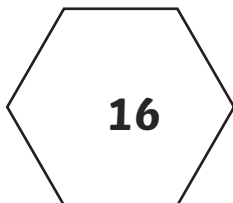
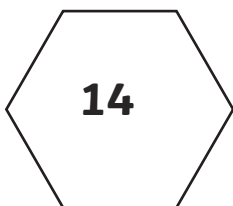
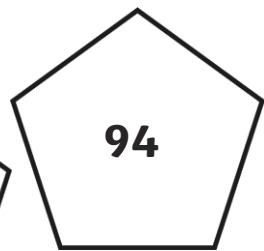
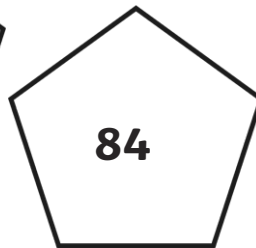
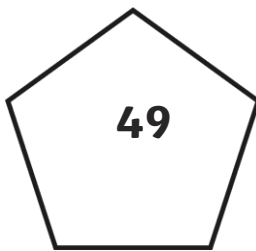
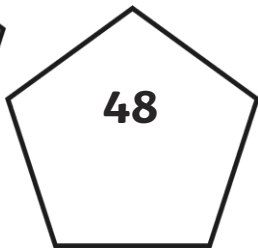
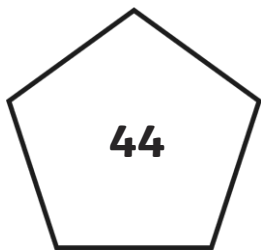
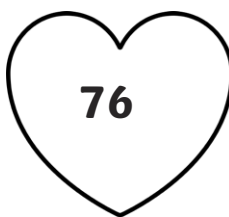
Can you find 100 more than and 100 less than the number in the robot's tummy?

E.g.



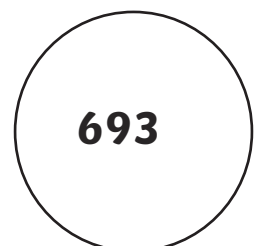
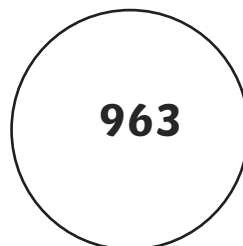
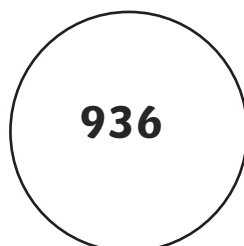
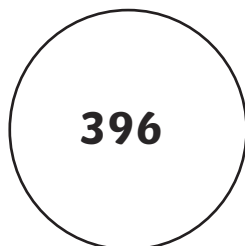
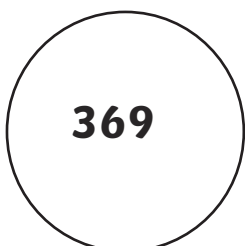
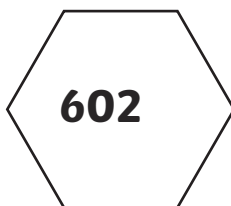
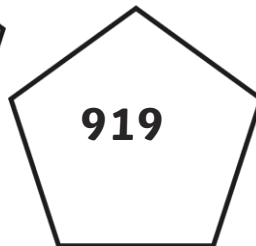
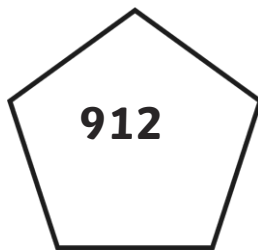
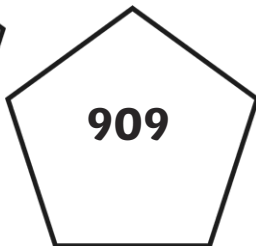
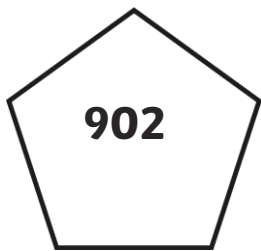
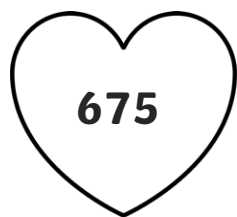
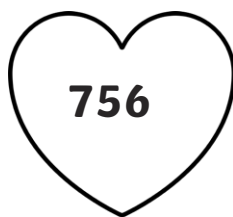
Ordering numbers to 1000 Worksheet 1

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



Ordering numbers to 1000 Worksheet 2

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



Estimating Addition Calculations

1. Which of these calculations give an answer of about 50? $34 + 17$ $13 + 45$ $28 + 31$ $45 + 18$	2. Which of these calculations give an answer of about 60? $37 + 23$ $31 + 16$ $17 + 53$ $39 + 29$	3. Which of these calculations give an answer of about 80? $72 + 25$ $47 + 31$ $29 + 32$ $35 + 27$
4. Which of these calculations give an answer of about 100? $87 + 26$ $14 + 98$ $82 + 17$ $45 + 67$	5. Which of these calculations give an answer of about 120? $84 + 23$ $46 + 76$ $98 + 32$ $53 + 56$	6. Which of these calculations give an answer of about 150? $76 + 77$ $63 + 76$ $125 + 41$ $95 + 43$
7. Which of these calculations give an answer of about 200? $120 + 60$ $50 + 180$ $130 + 70$ $140 + 160$	8. Which of these calculations give an answer of about 300? $150 + 175$ $205 + 90$ $105 + 175$ $75 + 220$	9. Which of these calculation give an answer of about 400? $234 + 129$ $294 + 76$ $301 + 102$ $241 + 156$
10. Which of these calculations give an answer of about 110? $87 + 26$ $14 + 98$ $82 + 17$ $45 + 67$	11. Which of these calculations give an answer of about 250? $124 + 221$ $113 + 135$ $26 + 231$ $175 + 55$	12. Which of these calculations give an answer of about 350? $237 + 114$ $290 + 98$ $104 + 216$ $98 + 228$
13. Which of these calculations give an answer of about 500? $245 + 275$ $135 + 450$ $285 + 180$ $345 + 160$	14. Which of these calculations give an answer of about 750? $534 + 220$ $235 + 480$ $150 + 563$ $378 + 330$	15. Which of these calculations give an answer of about 1000? $901 + 156$ $139 + 786$ $456 + 553$ $782 + 214$

Estimating Subtraction Calculations

1. Which of these calculations give an answer of about 10? 34 - 23 64 - 45 27 - 12 98 - 77	2. Which of these calculations give an answer of about 20? 45 - 18 39 - 29 37 - 16 31 - 17	3. Which of these calculations give an answer of about 30? 92 - 54 31 - 12 37 - 16 76 - 47
4. Which of these calculations give an answer of about 40? 77 - 26 114 - 98 87 - 46 45 - 17	5. Which of these calculations give an answer of about 50? 84 - 23 124 - 76 98 - 32 53 - 11	6. Which of these calculations give an answer of about 60? 76 - 17 63 - 11 125 - 54 95 - 43
7. Which of these calculations give an answer of about 70? 120 - 60 250 - 180 130 - 70 200 - 160	8. Which of these calculations give an answer of about 80? 150 - 75 205 - 120 220 - 150 300 - 220	9. Which of these calculation give an answer of about 90? 234 - 129 294 - 213 301 - 102 241 - 153
10. Which of these calculations give an answer of about 100? 324 - 221 113 - 35 226 - 31 175 - 55	11. Which of these calculations give an answer of about 150? 237 - 114 290 - 98 404 - 216 380 - 228	12. Which of these calculations give an answer of about 200? 490 - 265 431 - 239 835 - 670 496 - 267
13. Which of these calculations give an answer of about 250? 345 - 98 513 - 245 268 - 31 459 - 181	14. Which of these calculations give an answer of about 350? 934 - 627 513 - 135 428 - 231 465 - 112	15. Which of these calculations give an answer of about 500? 934 - 427 613 - 145 728 - 231 1045 - 518

Estimate on 0 - 1000 Number Line Worksheet

a) 459



b) 213



c) 987



d) 753



e) 289



f) 672



g) 31



h) 814



Estimate on Different Number Lines Worksheet

a) 743



b) 857



c) 387



d) 198



e) 449



f) 576



g) 610



h) 841



Writing Numbers in Words

Write the following numbers in words:

243	Two hundred and forty-three
567	Five hundred and sixty seven
785	Seven hundred and eighty five
391	Three hundred and ninety one
669	Six hundred and sixty nine
402	Four hundred and two
513	Five hundred and thirteen
699	Six hundred and ninety nine
840	Eight hundred and forty
709	Seven hundred and nine
112	One hundred and twelve
590	Five hundred and ninety
519	Five hundred and nineteen
101	One hundred and one

Writing Numbers in Words

Write the following words into numbers:

Three hundred and forty-six	346
Six hundred and thirty-nine	639
Nine hundred and thirteen	913
Seven hundred and twenty-eight	728
Four hundred and six	406
Nine hundred and thirty	930
One hundred and four	104
Five hundred and thirty-five	535
Two hundred and twenty-two	222
Four hundred and sixty	460
Eight hundred and seventy-eight	878
Nine hundred and ninety-one	991
One hundred and ninety-nine	199
Five hundred and fifteen	515

Writing Numbers in Words

Write the following words into numbers and numbers into words:

Five hundred and sixty one	561
Nine hundred and two	902
Two hundred and fourteen	214
Six hundred and fifty-nine	659
Three hundred and twenty seven	327
Four hundred and twelve	412
Eight hundred and eight	808
Eight hundred and eighty	880
Six hundred and sixty	660
Six hundred and sixteen	616
Seven hundred and seventy nine	779
Three hundred and thirty-seven	337
Eight hundred and nineteen	819
Seven hundred and forty	740