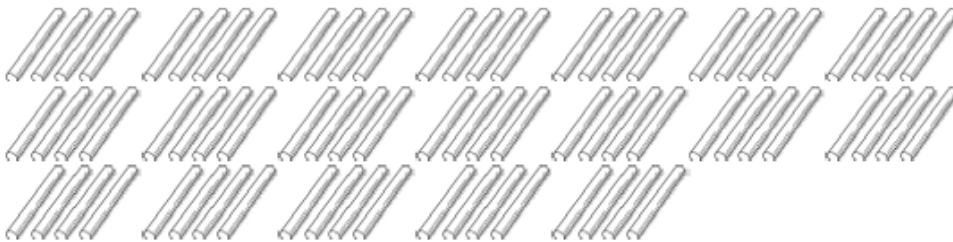


Hartley Road Primary School
Holiday Homework - Grade 3

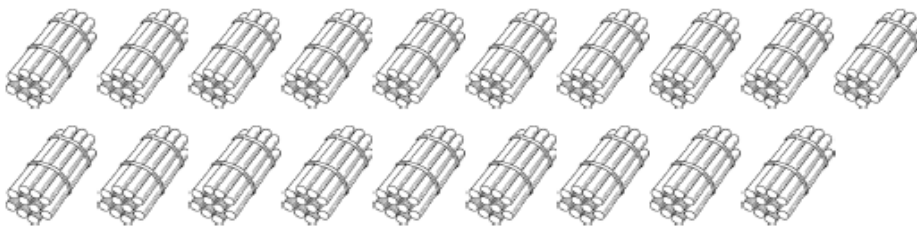
Mathematics:

1. Complete the worksheets.
 2. Check your answers against the answer booklet.
 3. Flip-file work must be revised daily.
-

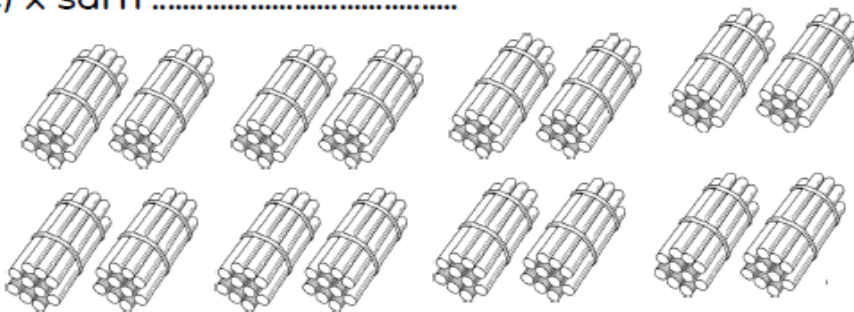
Count these objects, use grouping as a strategy.



- a) I counted in multiples of
- b) There are objects.
- c) \times sum

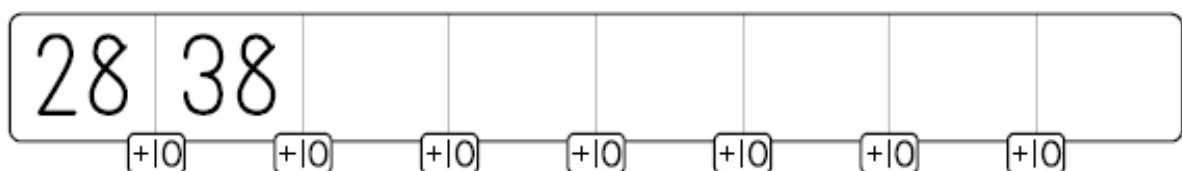
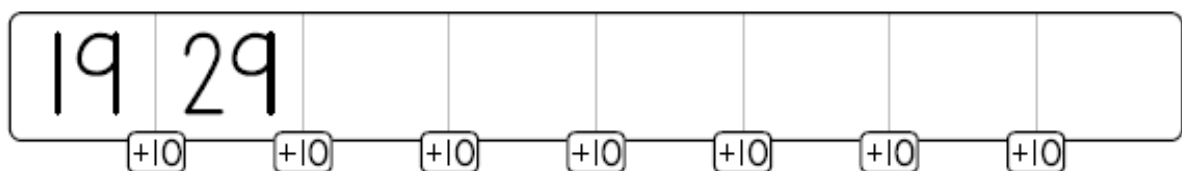
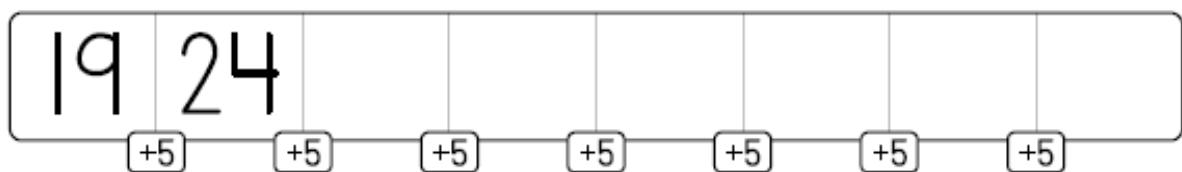
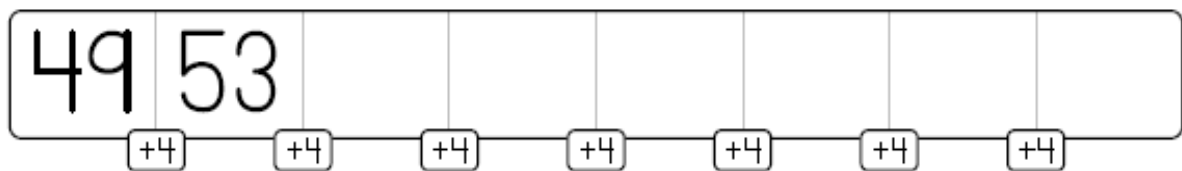
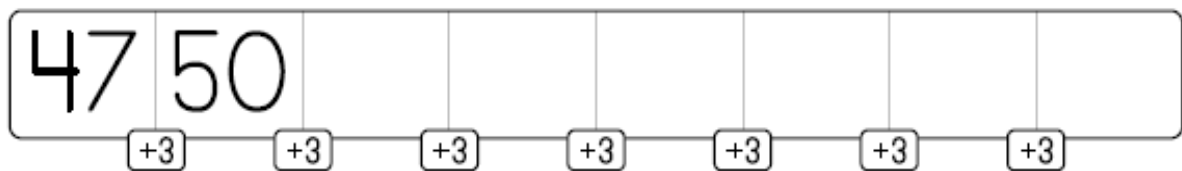
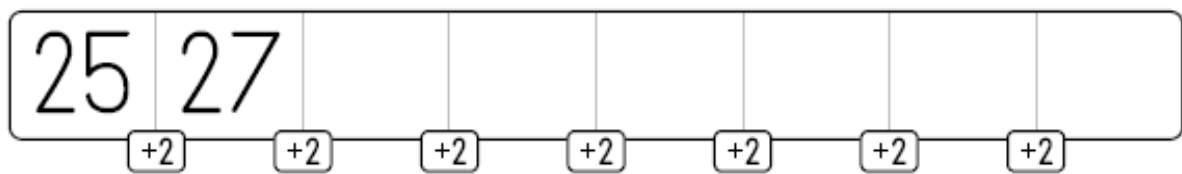
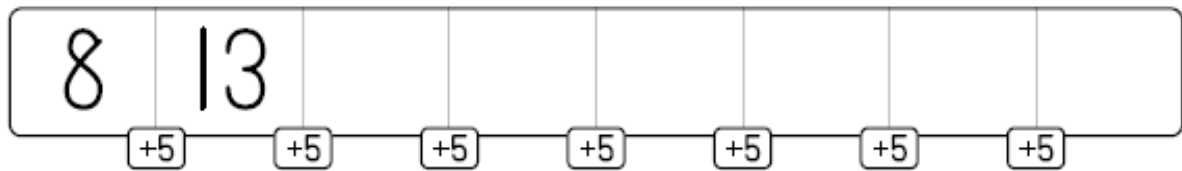
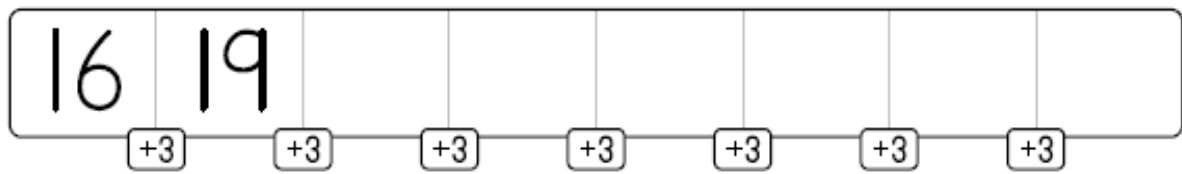


- a) I counted in multiples of
- b) There are objects.
- c) \times sum



- a) I counted in multiples of
- b) There are objects .
- c) \times sum

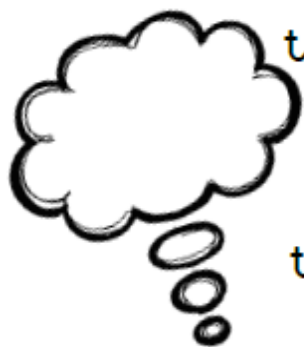
Complete the number pattern by counting on.



Write the number name for the number symbol.

45	
158	
219	
399	
176	
125	
274	
339	
251	
163	

Write the number symbol for the number name.



three hundred and forty-six

one hundred and twelve

two hundred and eighty-six

three hundred and sixteen

Match Column A with Column B

Column A	Column B
163	a) two hundred and sixty-five
265	b) ninety-seven
97	c) one hundred and sixty-three
168	d) two hundred and fourteen
207	e) two hundred and thirty-four
214	f) one hundred and sixty-eight
234	g) one hundred and fourteen
350	h) two hundred and seven
114	i) three hundred and fifty
345	j) three hundred and forty-five
186	k) one hundred and eighty-six
314	l) one hundred and eleven
217	m) one hundred and twenty-three
111	n) three hundred and fourteen
123	o) two hundred and eighteen
218	p) two hundred and ninety
290	q) two hundred and seventeen

Complete the number chart to 500.

1	2	3		5		7	8	9	10
11		13			16		18		20
21	22	23		25	26	27	28	29	30
31		33		35	36	37		39	
41			44		46		48	49	50
51		53	54	55	56	57	58	59	
	62	63		65		67		69	70
71		73	74		76		78	79	80
81	82		84			87		89	
	92	93	94		96	97	98	99	100
101	102	103	104	105	106	107	108		110
111	112	113		115		117	118	119	120
121		123			126		128		130
131	132			135	136	137	138	139	140
141	142	143	144	145	146	147		149	150
151	152		154		156	157	158		160
	162			165		167		169	170
171	172		174	175	176	177	178	179	180
181	182	183	184	185	186		188		190
191	192	193	194		196		198	199	200
201	202		204			207		209	
211	212		214		216	217	218	219	220
	222			225		227			230
231	232		234		236	237	238	239	240
241	242	243	244	245	246		248	249	250

251	252		254		256	257	258	259	260
	262			265		267		269	270
271	272		274	275	276	277	278		280
281		283	284	285	286		288	289	290
291	292	293	294	295		297		299	300
301	302						308		310
	312			315		317		319	320
321	322	323	324	325	326	327	328	329	
331		333		335			338	339	340
341		343	344		346		348		
351	352	353		355		357	358	359	360
361	362	363	364	365	366				370
371	372		374		376	377		379	
	382			385				389	390
391		393	394	395	396	397	398	399	400
401	402	403	404		406		408	409	410
411	412		414		416	417		419	
		423		425	426		428	429	430
431	432		434		436	437	438		440
	442	443		445		447		449	450
451	452	453	454	455	456	457	458	459	460
461	462		464		466		468	469	470
				475		477		479	
481	482	483	484		486	487	488	489	490
491	492		494	495	496		498		500

Compare numbers to 500. Say what is more than or less than.

Use the number chart.

5 more than 146 is	3 more than 341 is
4 more than 338 is	2 more than 115 is
5 less than 251 is	7 more than 312 is
6 more than 322 is	3 more than 199 is
3 more than 433 is	2 less than 209 is
5 more than 328 is	4 less than 120 is
4 less than 466 is	6 more than 299 is

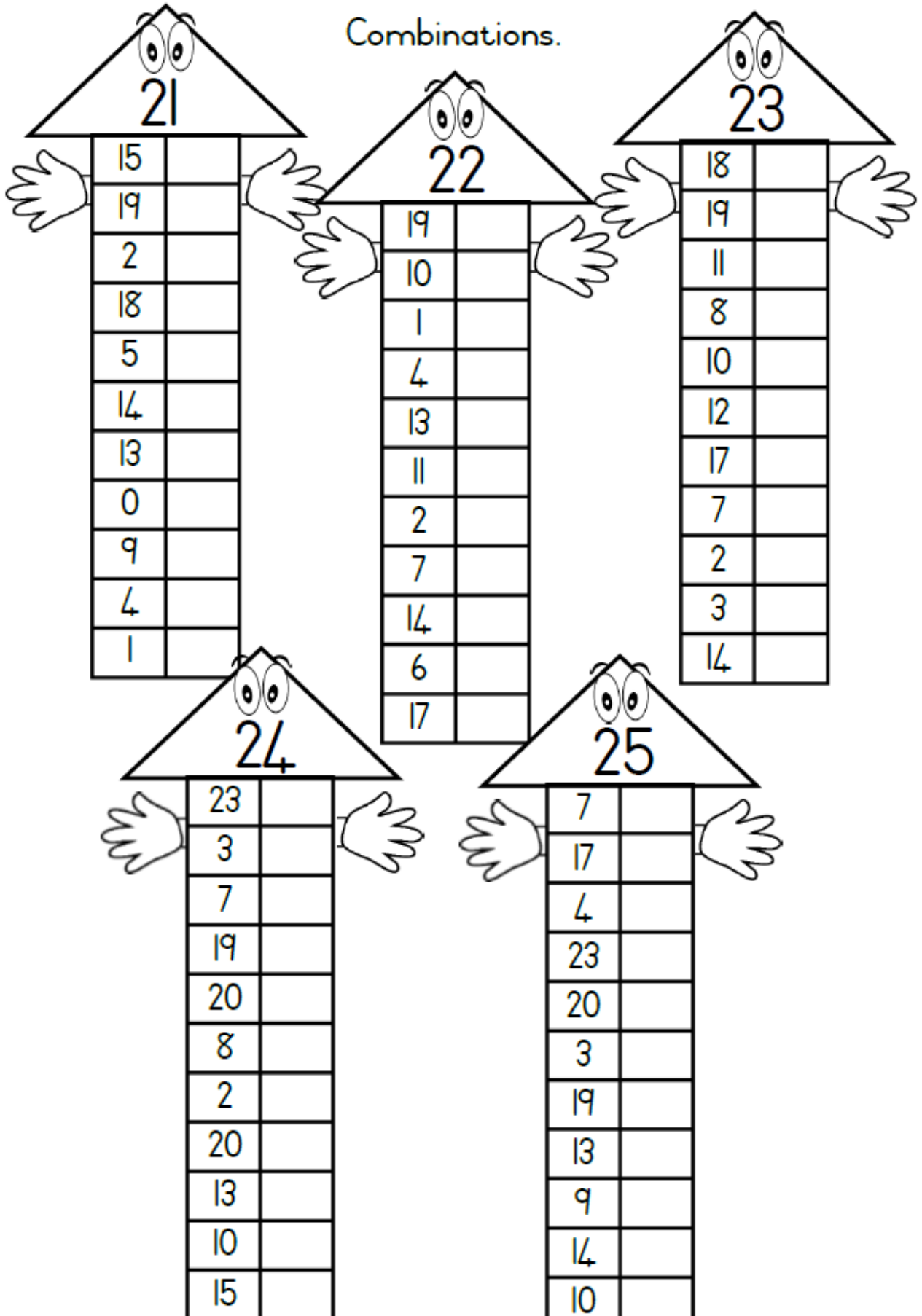
How many more or less than ?

..... more than 165 is 175 less than 333 is 331
..... more than 250 is 230 less than 200 is 150
..... less than 200 is 195 more than 275 is 375
..... more than 256 is 266 less than 500 is 450

More or Less ?

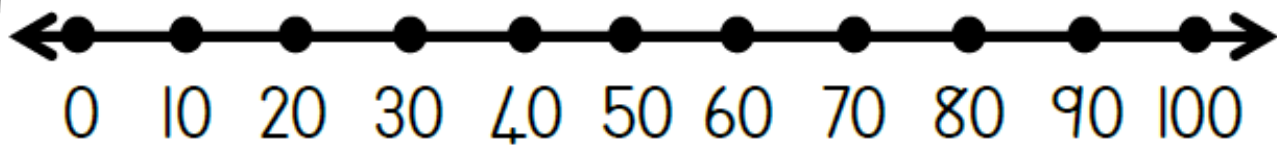
5 than 135 is 140	10 than 400 is 410
4 than 164 is 160	25 than 50 is 75
3 than 293 is 296	5 than 495 is 500

Combinations.



Describe, compare and order numbers to 500.

Addition and subtraction of multiples from 10 to 100.



🍏 $60 - 10 = \dots\dots\dots$ 🍏 $80 + 10 = \dots\dots\dots$ 🍏 $10 + 10 = \dots\dots\dots$

🍏 $30 - 10 = \dots\dots\dots$ 🍏 $50 - 10 = \dots\dots\dots$ 🍏 $90 + 10 = \dots\dots\dots$

🍏 $30 + 10 = \dots\dots\dots$ 🍏 $40 + 10 = \dots\dots\dots$ 🍏 $100 - 10 = \dots\dots\dots$

🍏 $60 - 10 = \dots\dots\dots$ 🍏 $30 - 10 = \dots\dots\dots$ 🍏 $40 - 10 = \dots\dots\dots$



Doubling & Halving
Complete the table

Double the whole number		Halve the whole number	
$6 > \dots\dots\dots$	$9 > \dots\dots\dots$	$4 > \dots\dots\dots$	$12 > \dots\dots\dots$
$30 > \dots\dots\dots$	$7 > \dots\dots\dots$	$16 > \dots\dots\dots$	$10 > \dots\dots\dots$
$8 > \dots\dots\dots$	$25 > \dots\dots\dots$	$30 > \dots\dots\dots$	$20 > \dots\dots\dots$
$12 > \dots\dots\dots$	$15 > \dots\dots\dots$	$50 > \dots\dots\dots$	$100 > \dots\dots\dots$

Order whole numbers: before, between & after

before	between	after
....., 221	159,, 161	308,
....., 191	338,, 340	315,
....., 340	346,, 347	189,
....., 219	209,, 211	290,

Order the numbers in **ascending** order.



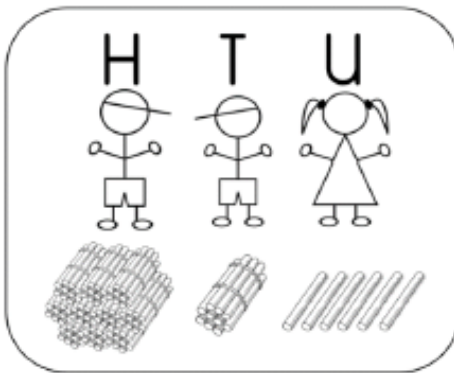
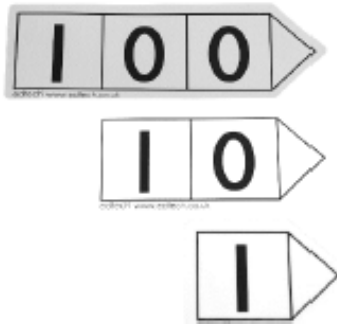
.....;;;;

Order the numbers in **descending** order.



.....;;;;

Decompose 3-digit numbers to 500 in multiples of hundreds, tens and units.



$206 = \dots + \dots + \dots$	$375 = \dots + \dots + \dots$
$\dots + \dots + \dots = 262$	$\dots + \dots + \dots = 466$
$\dots = 200 + 40 + 8$	$\dots = 300 + 50 + 3$
$351 = \dots + 50 + \dots$	$401 = 400 + \dots + \dots$

Name the place value of the underlined number.



2 <u>3</u> 5	3 <u>1</u> 3	<u>6</u> 7	3 <u>2</u> 5	<u>8</u>

Name the number value of the underlined number.

7 <u>3</u>	<u>2</u> 1	1 <u>9</u> 5	<u>7</u>	2 <u>3</u> 5	

Multiplication with 2-digit numbers using a method.

$$56 \times 4 = \square$$

$$\rightarrow (50 \times 4) + (6 \times 4)$$

$$200 + 24 = 224$$

Numbers can also be written
next to each other.

$$26 \times 3 = \square$$

$$45 \times 5 = \square$$

$$78 \times 2 = \square$$

$$52 \times 4 = \square$$

$$47 \times 3 = \square$$

$$32 \times 5 = \square$$