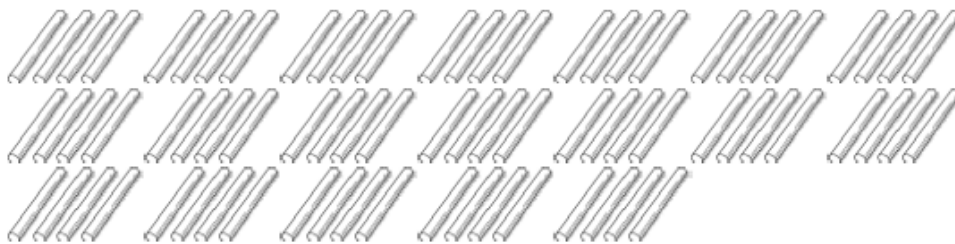


Hartley Road Primary School
Holiday Homework - Grade 3

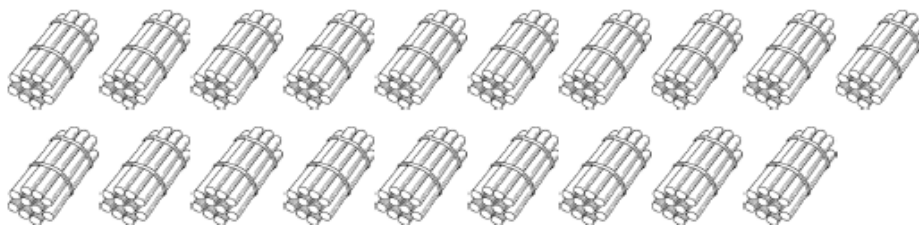
Mathematics:

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

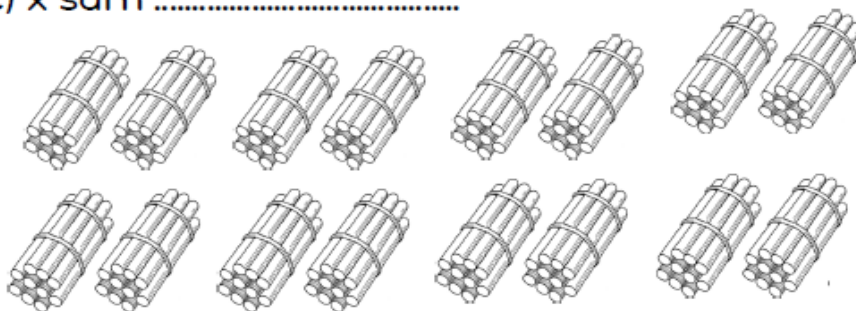
Count these objects, use grouping as a strategy.



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

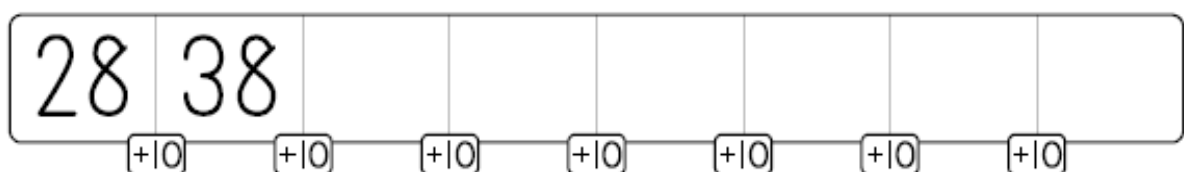
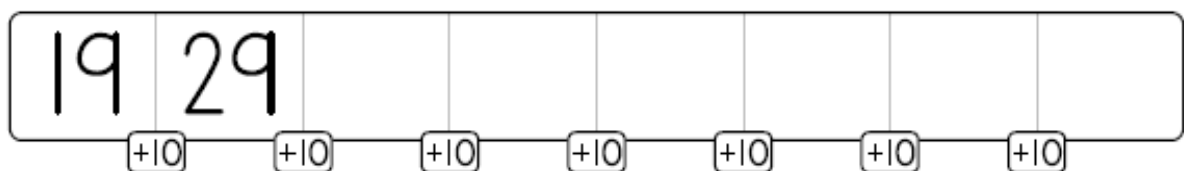
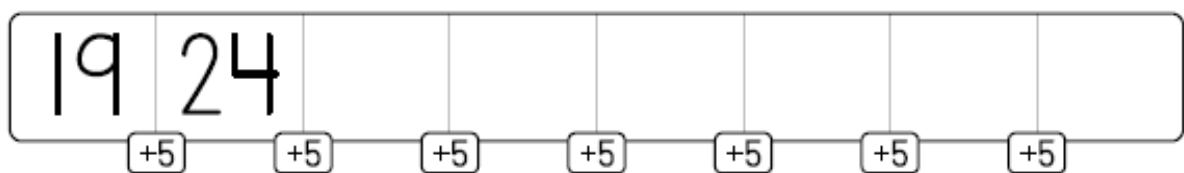
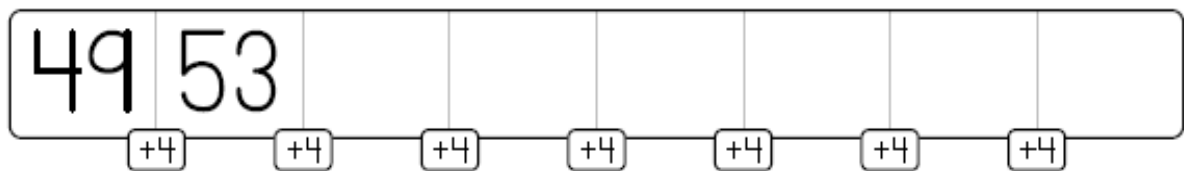
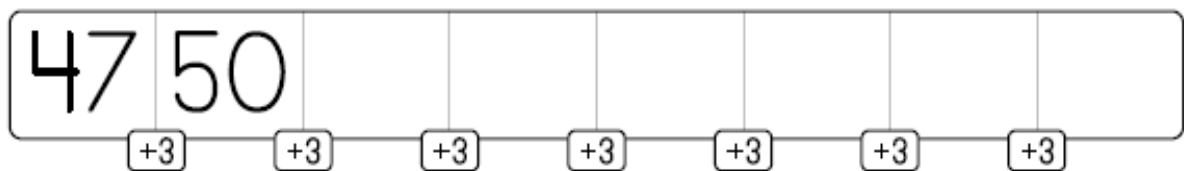
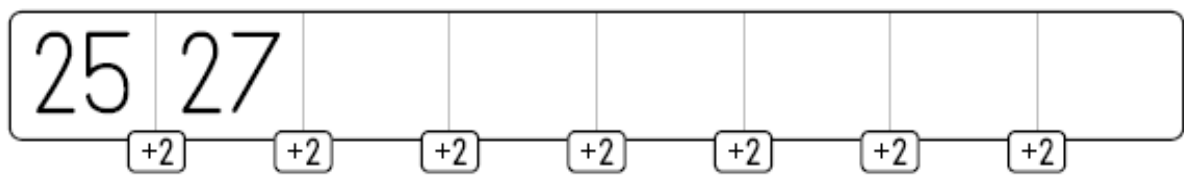
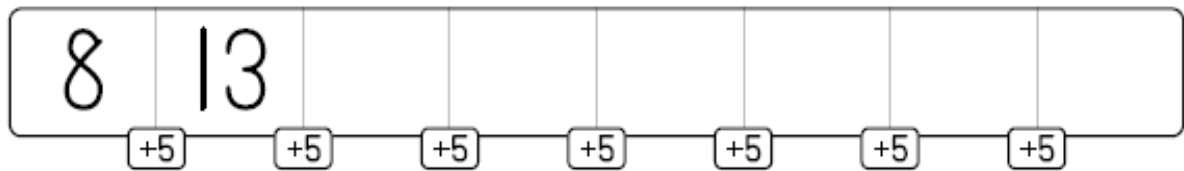
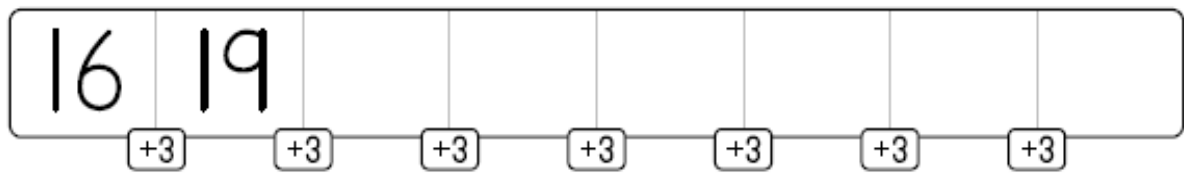


- a) I counted in multiples of
- b) There are objects.
- c) \times sum



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

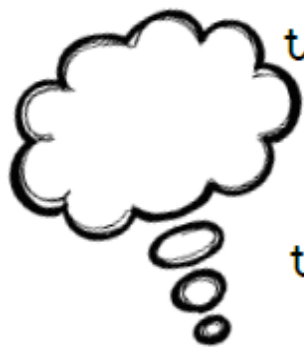
Complete the number pattern by counting on.



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 |

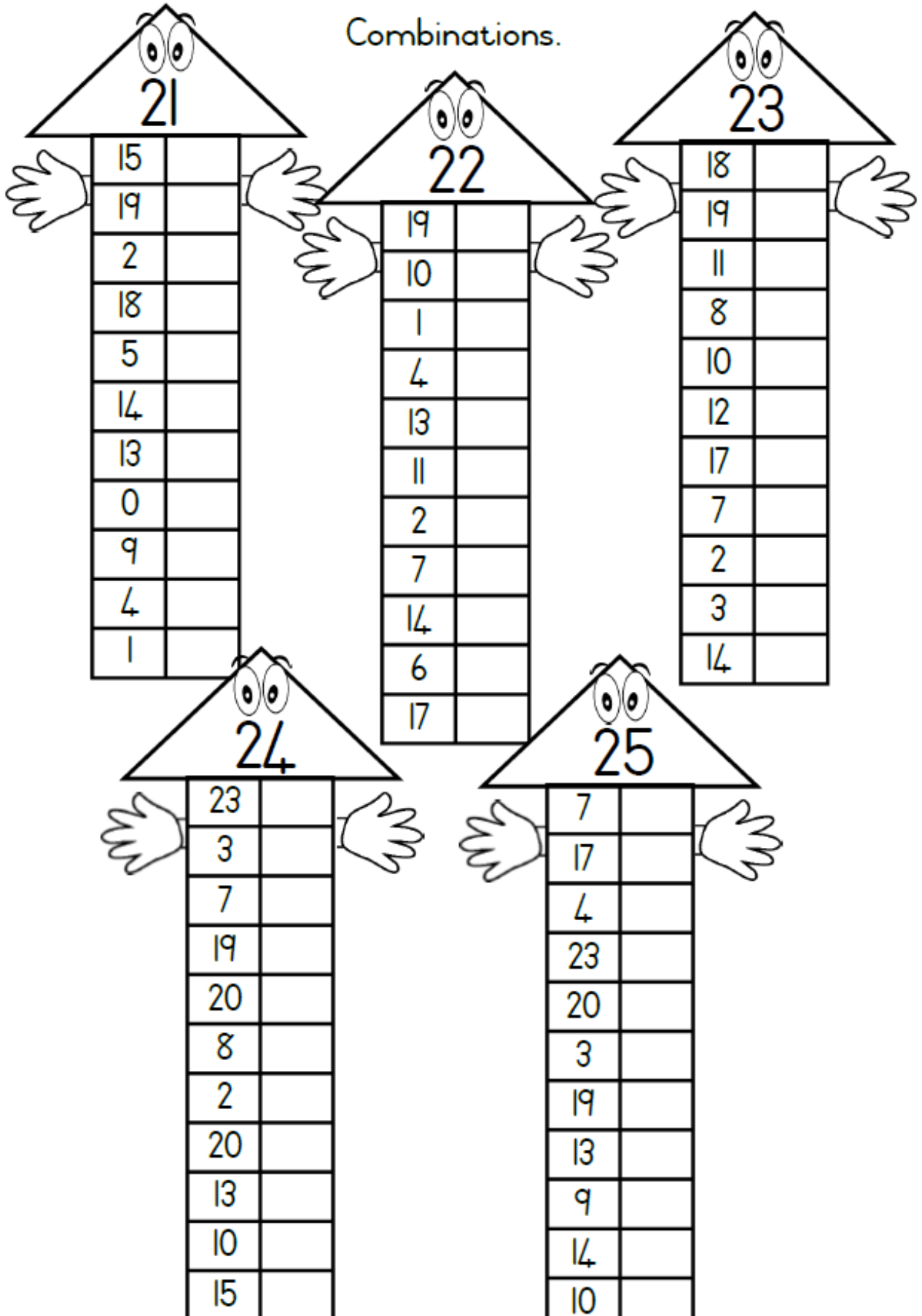
How many more or less than ?

| | |
|----------------------------|----------------------------|
| 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 ?

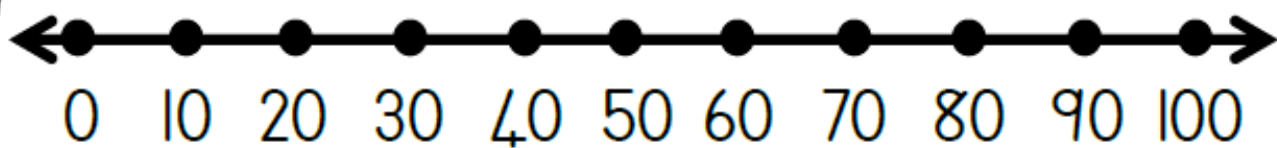
| | |
|-------------------------|--------------------------|
| 5 than 135 is 140 | 10 than 400 is 410 |
| 4 than 164 is 160 | 25 than 50 is 75 |
| 3 than 293 is 296 | 5 than 495 is 500 |

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.



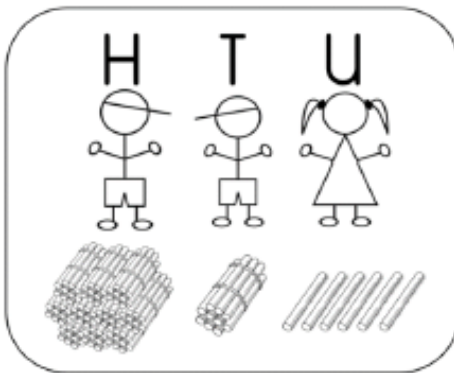
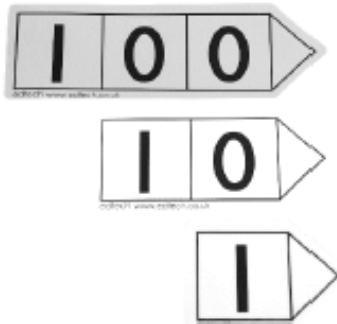
.....;;;;

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.

$$26 \times 3 = \square$$

$$45 \times 5 = \square$$

$$78 \times 2 = \square$$

$$52 \times 4 = \square$$

$$47 \times 3 = \square$$

$$32 \times 5 = \square$$