

1) Use $>$, $<$ or $=$ to compare the amount of each potion:

562ml $<$ 785ml

603ml $>$ 360ml

413ml $<$ 431ml

242ml $=$ 242ml



2)

Three hundred and forty-nine

9 hundreds and 2 ones

407

1 hundred, 7 tens and 4 ones

700 + 70 + 5

1 hundred, 11 tens and 3 ones

a) What is the greatest amount? 902

b) What is the smallest amount? 174

349

902

174

775

213

(10 tens =
100)



1) Wizard Wanda is experimenting with exploding potions.

She uses 670 newt eyes and 410g of dragon scales in her first potion and it does nothing!
She knows she needs more of each of the ingredients for it to work.

She uses 720 newt eyes and 450g of dragon scales in her next batch and the explosion is far too big!
She knows she has used too much of each ingredient.

a) Suggest how much of each ingredient she should try next.

I think she she should use 690g newt eyes and 430g of dragon scales.

b) Explain your reasoning:

690g is more than 670g (didn't work) but less than 720g (explosion!)
430g is more than 410g but less than 450g.

2) Read each statement and decide whether it is correct or incorrect.
If it is incorrect, explain how you would correct it.

• $516 > 498$

Correct!

• Eight hundred and sixty-three $>$ eight hundred and ninety

Incorrect! $863 < 890$

• Three hundred and five $<$ 299

Incorrect! $305 > 299$

• $473 = 4$ hundreds, 7 tens and 3 ones

Correct!





1) Order these numbers from greatest to smallest:

671 539 406 756 399 138 355

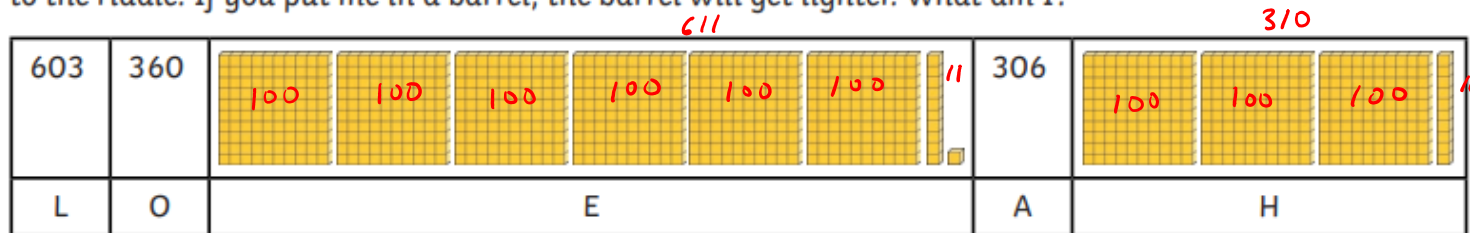
138, 355, 399, 406, 539, 671, 756

2) Use greater than, less than and equals signs to complete this statement correctly:

657 $>$ 653 $<$ 682 $=$ six hundred and eighty-two $>$ 680



1) Place the numbers in the correct order from smallest to greatest to read the answer to the riddle: If you put me in a barrel, the barrel will get lighter. What am I?



306, 310, 360, 603, 611 = A HOLE!

2) Scott has ordered these numbers from greatest to smallest. He says he knows he's correct because he has placed the numbers with the greatest digit sum first.

498 467 513 323 411 200

Explain his mistake to him. How should he fix it?

Scott needs to use his place value knowledge to put the numbers in order. He should compare the 100's, then the 10's and finally the ones. So the order should be: 513, 498, 467, 411, 323, 200