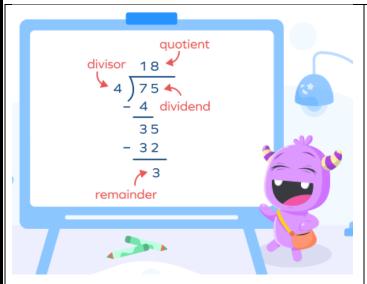
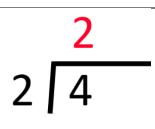
Long Division - Review and Questions

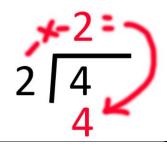
Long division - I digit into I digit, no remainder



Step One: Count how many times the **divisor** can go into the **dividend**.



Step Two: Place that number on top of the line, directly on top of the dividend



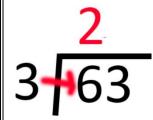
Step Three: Multiply the divisor by the quotient, and place the answer directly beneath the dividend.

Step Four: Subtract the result, from the quotient. Once you get 'O' as an answer, you have finished

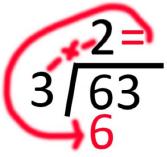
2 6

3 6	3 9
48	4 4
3 3	5/5
1/1	2 2
3 3	4 4

Long division - I digit into 2 digit, no remainder



Step One: estimate how many times the divisor can fit into the dividend, and write that number directly on top of the first number in the dividend

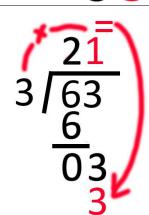


Step Two: multiply the divisor by the number that you put on top of the divisor. Now, write that answer directly beneath the dividend

Step Three: subtract the new answer, from the number directly above it. Write the answer underneath.

Step Four: bring down the next number in the dividend, down to the answer line

2<u>1</u> 3/63 6 03 Step Five: estimate how many times the divsor can fit into the dividend. Write that number on the top, in the quotient, directly above the number that was brought down.



Step Six: multiply the number that you just wrote, by the divosor, and write that answer beneath the last number at the bottom, directly beneath the previous number

Step Seven: subtract the final number. When you get 'O' as an answer, you are finished

2 2 8

2 2 2	2/44
3 3	3 36
3 39	3 99

3 66	3 63
4/44	4/48
2/48	5 55

Long division - I digit into 3 digit, no remainder



Step One:
estimate
how many
times the
divisor can
fit into the

dividend, and write that number directly on top of the first number in the dividend

2 2 4 4

Step Two:
multiply the
divisor by the
number that
you put on top
of the divisor.
Now, write that

Step Five:

estimate how

the divsor can

dividend Write

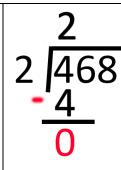
that number

on the top, in

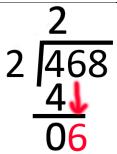
many times

fit into the

answer directly beneath the dividend

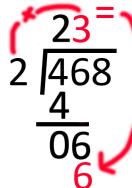


Step Three: subtract the new answer, from the number directly above it. Write the answer underneath.



Step Four: bring down the next number in the dividend, down to the answer line

the quotient, directly above the number that was brought down.



nultiply
the
number
that you
just
wrote, by
the
divosor,
and write
that

answer beneath the last number at the bottom, directly beneath the previous number

Step Seven: subtract the final number.

Step Eight: bring down the final number.

step Nine:
estimate how
many times the
divisor can fit into
the number at the
bottom. Write that
number directly
on top of the
number that was
brought down.

234 2 468 4 06 6 08

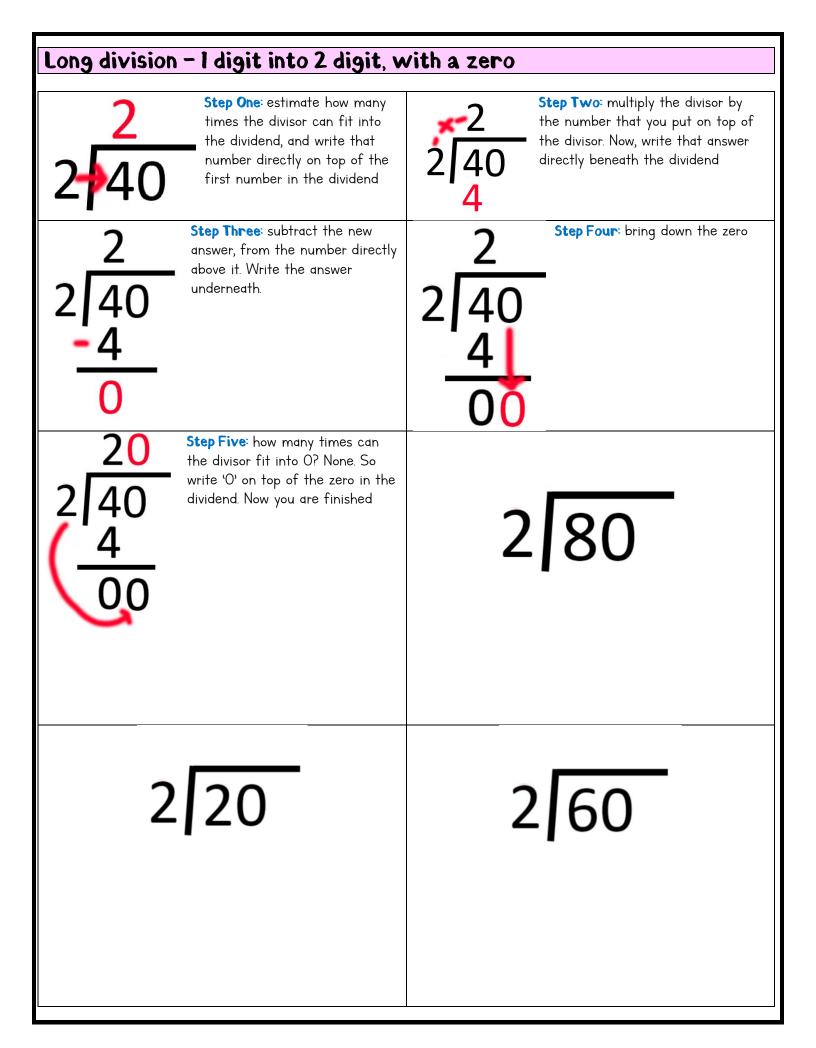
Step Ten:
multiply the
divisor by the
number that you
wrote on the top.
Write the answer
underneath the
bottom number

subtract the final number, from the number above. When you get 'O' as an answer, you are finished

2 864

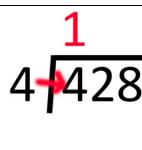
2 644	2 828	2 462
3 3 3 6	3 9 6 3	3 6 3 9

4 884	4 888
1/321	1 987

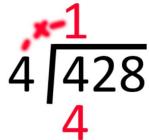


2 660	2 820
2 420	2 604

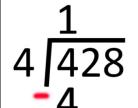




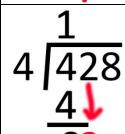
Step One: estimate how many times the divisor can fit into the dividend, and write that number directly on top of the first number in the dividend



Step Two: multiply the divisor by the number that you put on top of the divisor. Now, write that answer directly beneath the dividend

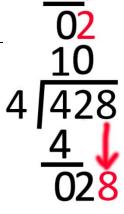


Step Three: subtract the new answer, from the number directly above it. Write the answer underneath.

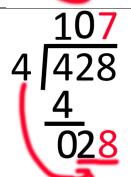


Step Four: bring down the next number in the dividend

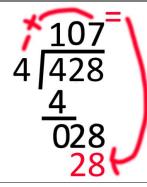
Step Five: see how many times the divisor can fit into the number on the bottom. If it can't fit, then you have to write a 'O' at the top, on top of the number that the divisor can't fit into



Step Six: bring down the next number in the dividend



Step Seven: see how many times the divisor can fit into this 2-digit number. Write how many times it can fit, on top of the number that you just brought down



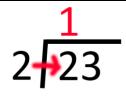
Step Eight: multiply the divisor, by the number that you just wrote on top, in the quotient. Write that answer at the bottom

Step Nine: subtract the bottom number, from the number right above it. Once you get zero, you're finished

4 628	8 828
8 848	4 412

4 416	4 824
3 621	3 966

Long division - I digit into 2 digit, with a remainder, Ist digit easy



Step One: estimate how many times the divisor can fit into the dividend, and write that number directly on top of the first number in the dividend

Step Two: multiply the divisor by the number that you put on top of the divisor. Now, write that answer directly beneath the dividend

Step Three: subtract the new answer, from the number directly above it. Write the answer underneath.

Step Four: bring down the next number in the dividend

Step Five: see how many times the divisor can fit into the number on the bottom. If it can't fit, then you have to write a 'O' at the top on top of the number that the divisor can't fit into.

Step Six: multiply the divisor by the number that you just wrote in the quotient. Write the answer at the bottom

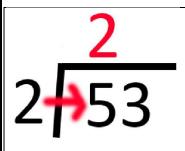
Step Seven: subtract the bottom number from the number above it

Step Eight: write in the remainder. The remainder is whatever is on the answer line, when you have run out of numbers to bring down in the dividend

2 43	2 65
2 63	2 85
2 83	2 45

3 95
3 67
3 95

Long division - I digit into 2 digit, with a remainder, both digits not easy

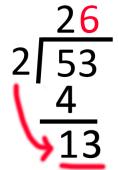


Step One: estimate how many times the divisor can fit into the dividend, and write that number directly on top of the first number in the dividend

2 53 4 Step Two: multiply the divisor by the number that you put on top of the divisor. Now, write that answer directly beneath the dividend

Step Three: subtract the new answer, from the number directly above it. Write the answer underneath.

Step Four: bring down the next number in the dividend



Step Five: see how many times the divisor can fit into the number on the bottom. Write how many times it can fit, on top of the number that you just brought down

Step Six: multiply the divisor by the number that you just wrote in the quotient. Write the answer at the bottom

Step Seven: subtract the bottom number from the number above it

Step Eight: write in the remainder. The remainder is whatever is on the answer line, when you have run out of numbers to bring down in the dividend

2 37	2 73
2 97	2 \(\sum{53} \)
2 71	2 91

3 45	3 54
3 77	3 55
3 44	3 42

4 52	4 77
4 97	4/51
7 3 7	
4 79	4 56

Long division – I digit into 3 digit, with a remainder, 3 digits not easy 4 561 4 537 2 935 4 935 2 937 2 351

3 478	3 544
3 788	3 455
3 754	3 845