



Name: \_\_\_\_\_

Long Division involves multiplication and subtraction

$$\begin{array}{r} 1 \\ 5 \overline{) 675} \\ \underline{- 5} \\ 1 \end{array}$$



think: how many times can 5 fit inside the number 6

answer: 1

so 5 times 1 is 5

then subtract 6-5 which equals 1



pretend you have 5 apples and a basket that only holds 6 apples - how many loads of 5 apples will fit inside the basket that only holds 6 - answer 1 load.

$$\begin{array}{r} 1 \\ 5 \overline{) 675} \\ \underline{- 5} \\ 17 \end{array}$$



think:

how many times can 5 fit inside 1

answer: 0

so 5 is being a bully!

1 needs help from his friend in the house, number

I'll help!



$$\begin{array}{r} 13 \\ 5 \overline{) 675} \\ \underline{- 5} \\ 17 \\ \underline{- 15} \\ 2 \end{array}$$



think:

how many times can 5 fit inside 17

answer: 3

so 5 times 3 is 15, write that under the 17

and subtract 17-15,

write 2 as your answer as your answer

$$\begin{array}{r} 13 \\ 5 \overline{) 675} \\ \underline{- 5} \\ 17 \\ \underline{- 15} \\ 25 \end{array}$$



think:

how many times can 5 fit inside 2

answer: 0

so 5 is being a bully again, who can help?!

2 needs help from his friend in the house, number

I'll help!



$$\begin{array}{r} 135 \\ 5 \overline{) 675} \\ \underline{- 5} \\ 17 \\ \underline{- 15} \\ 25 \\ \underline{- 25} \\ 0 \end{array}$$



think:

how many times can 5 fit inside 25

answer: 5

so 5 times 5 is 25, write that under the 25

and subtract 25-25,

write 0 as your answer as your answer

**YOUR FINAL ANSWER OF 675 DIVIDED BY 5  
IS 135**