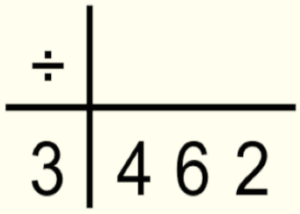
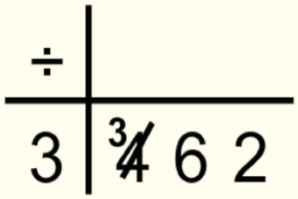
462 ÷ 3 =



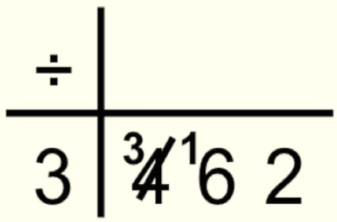
Step 1:
Write out the sum using the short division method

462 ÷ 3 =

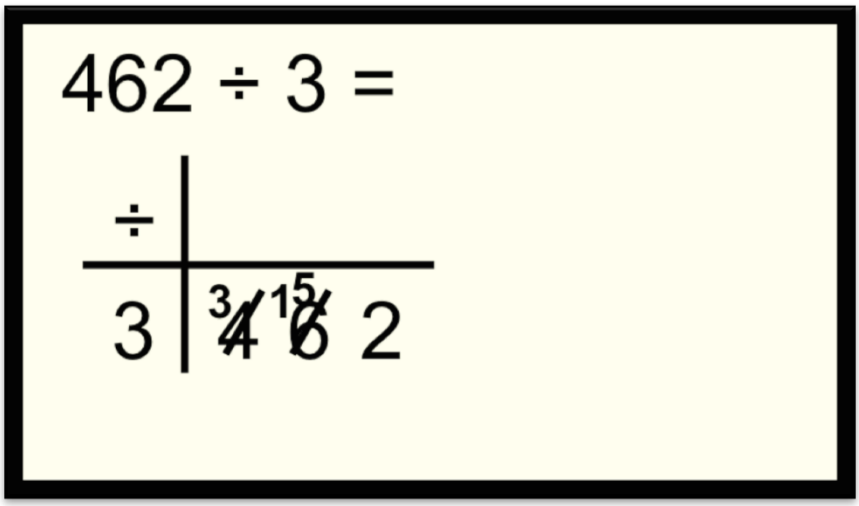


Step 2:
Ask the question 'Does **'3'** like **'4'**?'
…
No, **'3'** doesn't like **'4.'**
The nearest multiple of **3** it likes is **3.**
Replace with **3**

462 ÷ 3 =



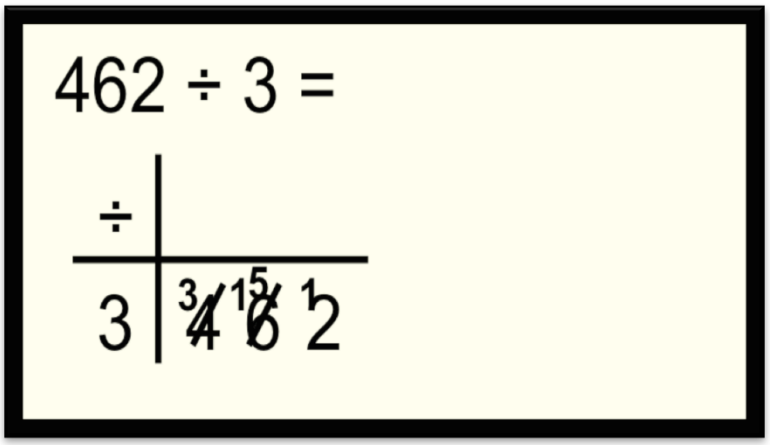
Step 3:
The difference between **4** and **3** is **1**. Place this next to the **6.**



Step 4:

Ask the question 'Does **'3'** like **'16'**?'

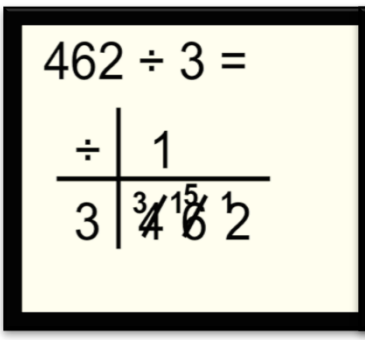
No, **'3'** doesn't like **'16.'** The nearest multiple of **3** it likes is **15.** Replace with **15**

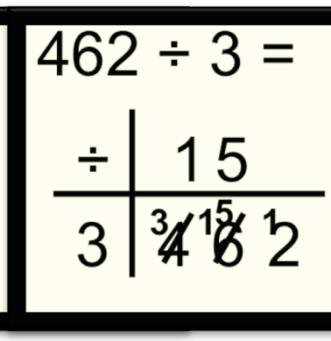


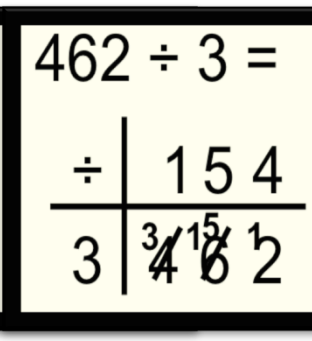
Step 5:

The difference between **16** and **15** is **1.** Place this next to the **2**.

Ask the question 'Does **'3'** like **'12'**? Yes, it does as it's a multiple of **3**.







Step 6:

3 goes into **3** … **1** time
3 goes into **15** … **5** times
3 goes into **12** … **4** times