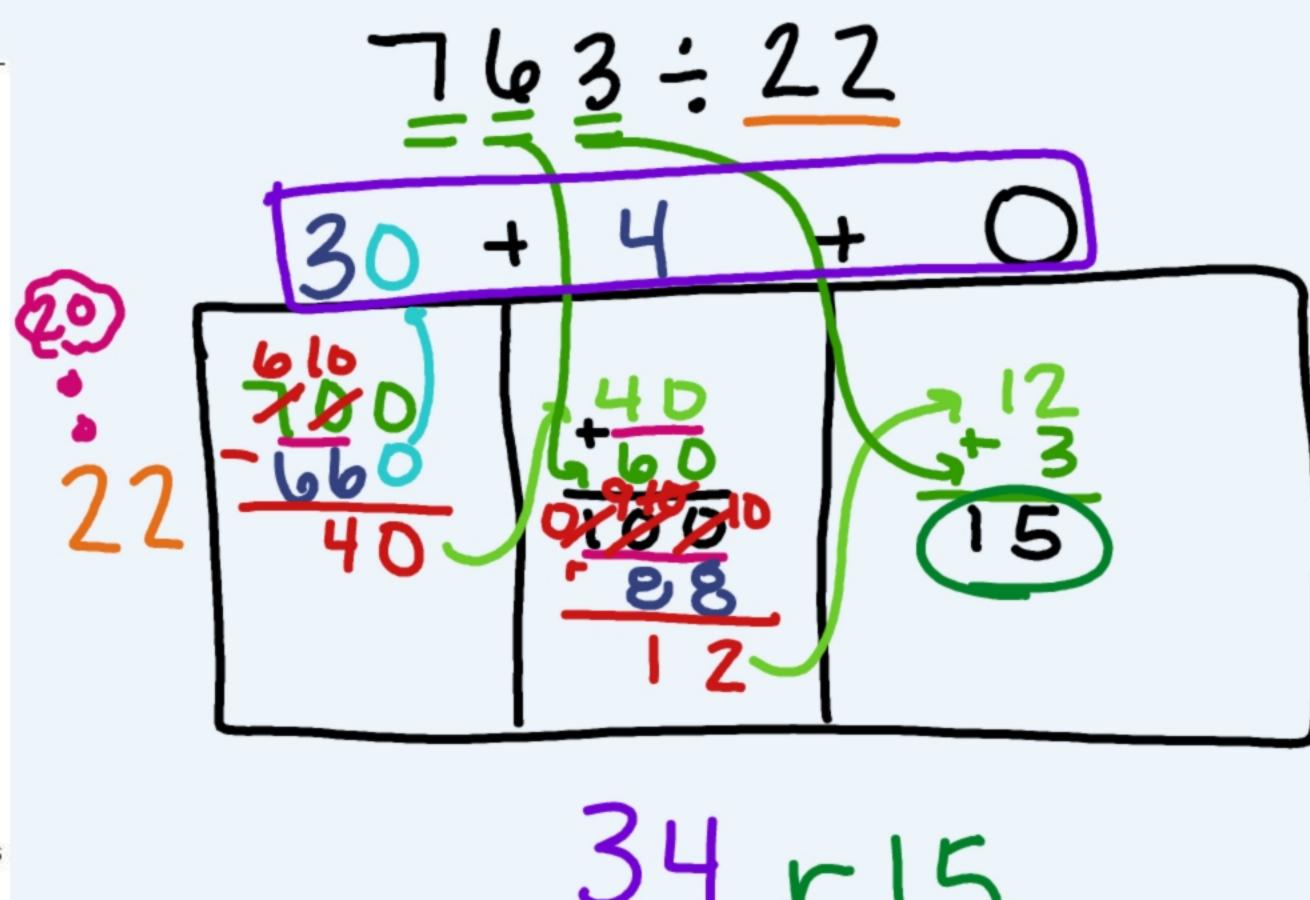
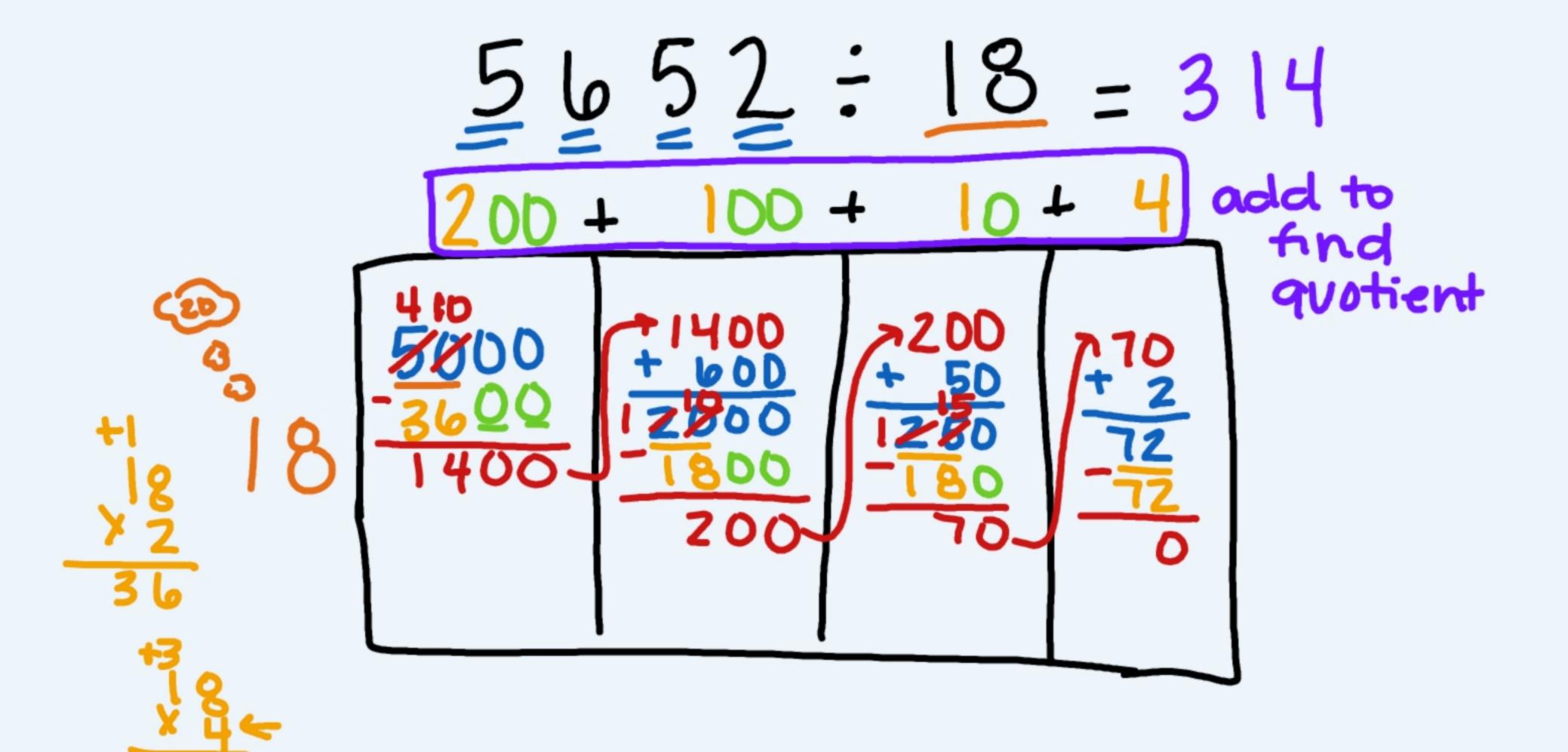
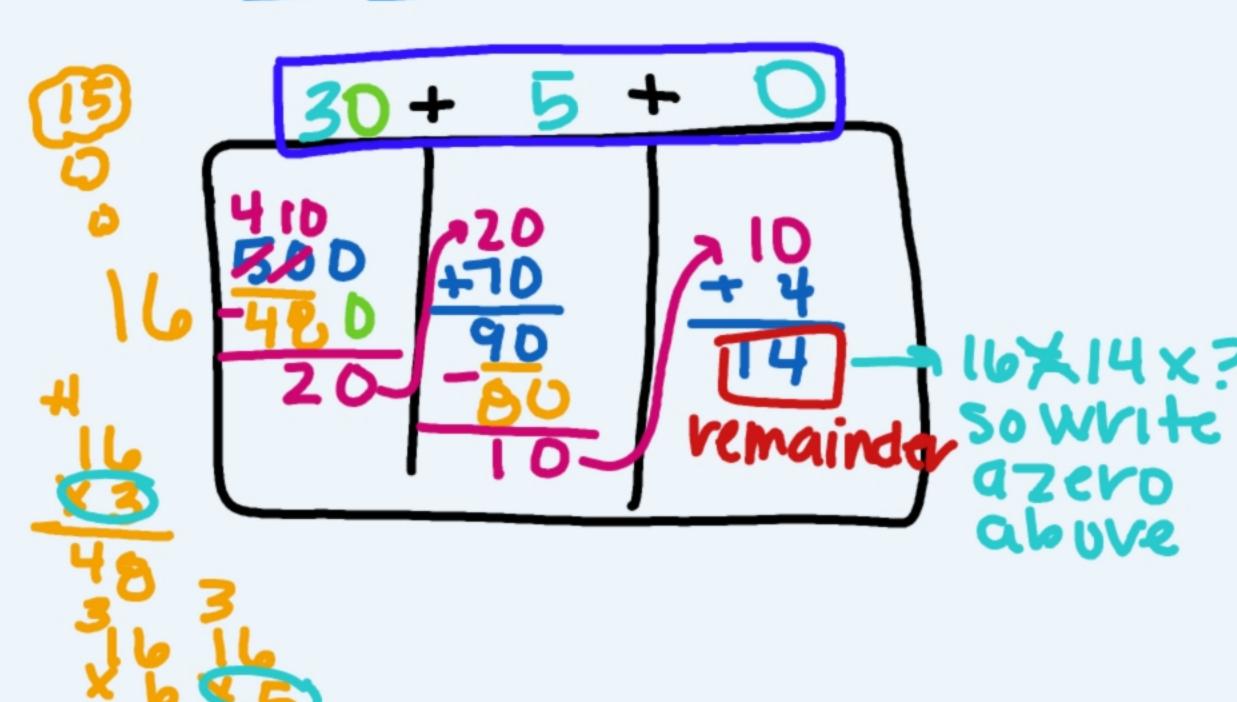
#### Steps to Success for Box Array/Area Model Div.

- 1. Draw a rectangle.
- 2. Write the divisor to the left side of the rectangle and the dividend inside the rectangle close to the left side.
- 3. Think in multiplies of 10, 100, or 1,000 times the divisor.
  - Write this answer above rectangle of the dividend
  - Write the product of the divisor times the number above below the dividend inside the rectangle
- 4. Subtract the dividend and the product.
- Add an addition sign above with the multiple and draw a line down in the rectangle.
- 6. Bring the difference from step 4 to the right of the newly formed line.
- 7. Repeat steps 3-6 until you subtract and get a remainder less than the divisor or a zero.
- 8. Add all of the multiples above the rectangle to determine your quotient
- 9. Check
  - Is my quotient in place value above the dividend?
  - Does my answer make sense (remainder less than the divisor?)
  - Multiply the quotient by the divisor and add remainder to product







# Standard

#### Partial Quotients

### Standard

## Partial Quotients

#### Area Model