

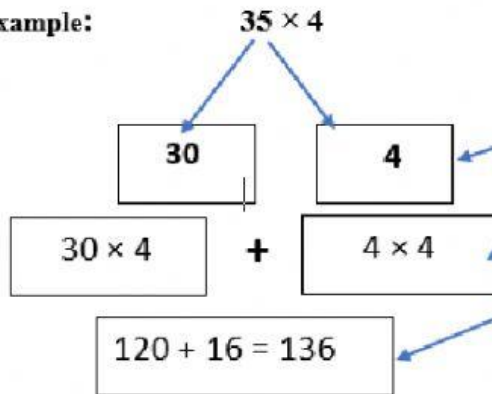
**Unit 10 - Multiplication
and Division**

Grade -4

**Lesson 5
Partitioning Method**

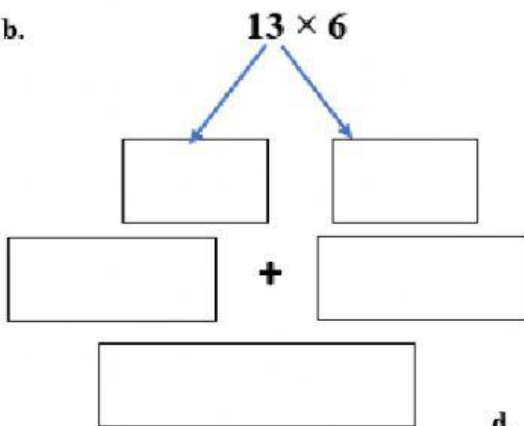
Q 1. Use the partitioning method to work out these multiplications.

Example:

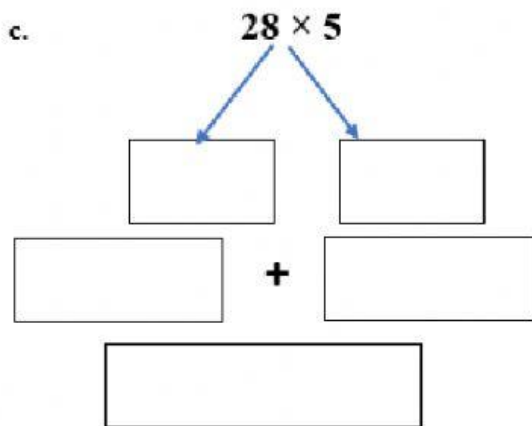


1. Partition the number into Tens and Ones.
2. Multiply the single digit number by tens and ones separately.
3. Add the answers of both.

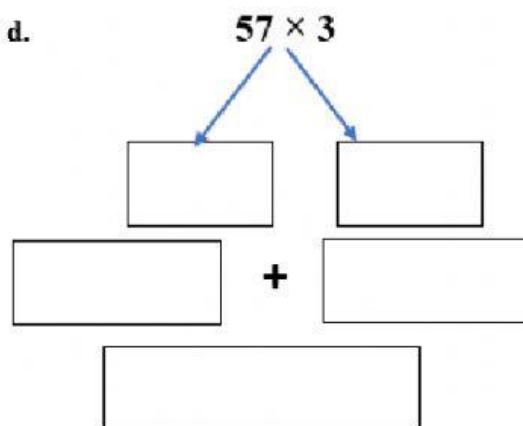
b.



c.



d.



Ch2 Q2. Before working out the answers to these calculations , round one of the number and estimate.

a.

49×6 Estimate=

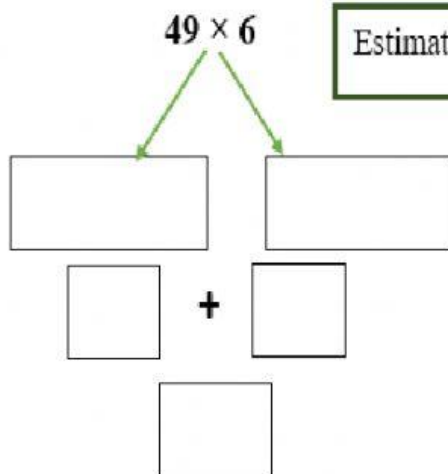


Diagram showing the calculation of 49×6 using the distributive property:

$$49 \times 6 = (40 + 9) \times 6 = 40 \times 6 + 9 \times 6 = 240 + 54 = 294$$

b.

32×6 Estimate=

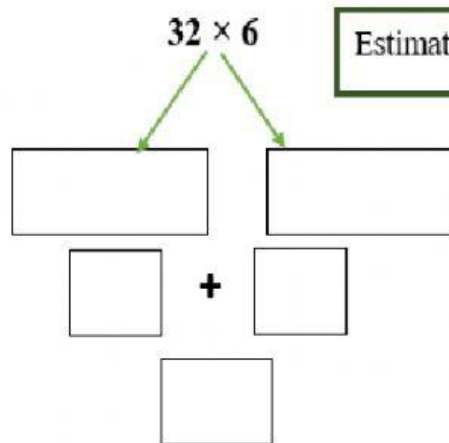


Diagram showing the calculation of 32×6 using the distributive property:

$$32 \times 6 = (30 + 2) \times 6 = 30 \times 6 + 2 \times 6 = 180 + 12 = 192$$

c.

19×7 Estimate=

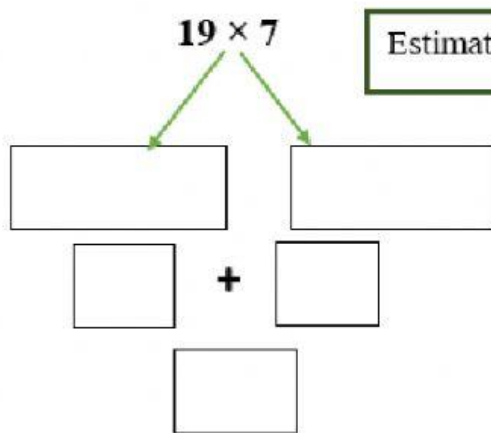


Diagram showing the calculation of 19×7 using the distributive property:

$$19 \times 7 = (10 + 9) \times 7 = 10 \times 7 + 9 \times 7 = 70 + 63 = 133$$

d.

51×8 Estimate=

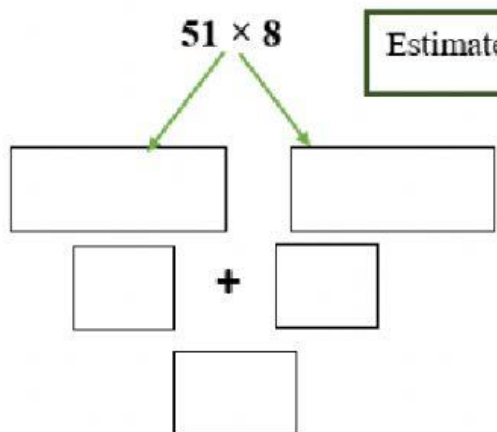


Diagram showing the calculation of 51×8 using the distributive property:

$$51 \times 8 = (50 + 1) \times 8 = 50 \times 8 + 1 \times 8 = 400 + 8 = 408$$