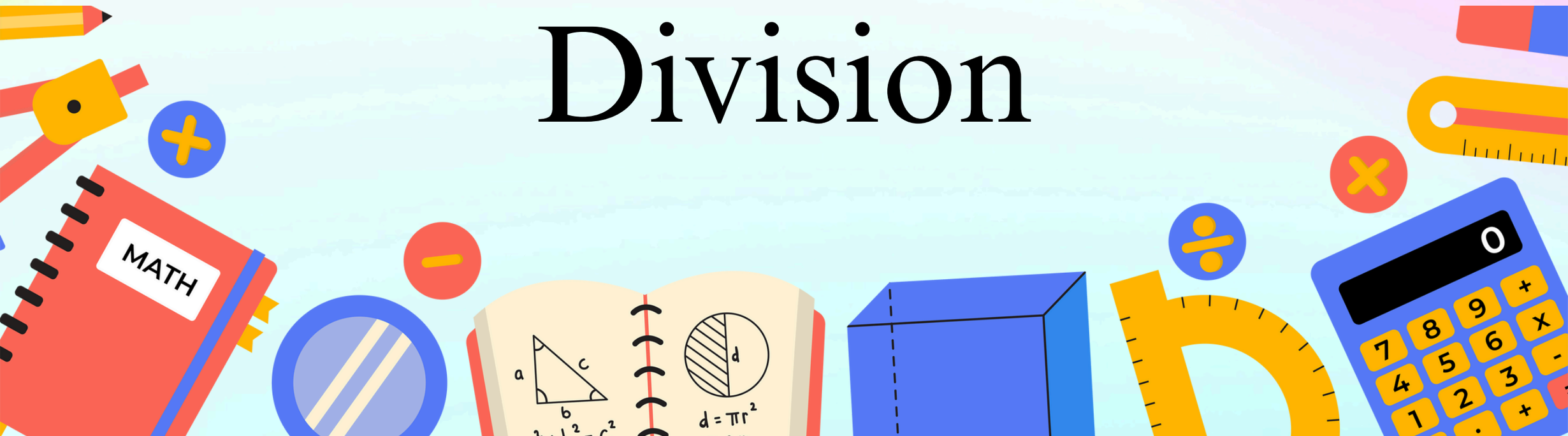
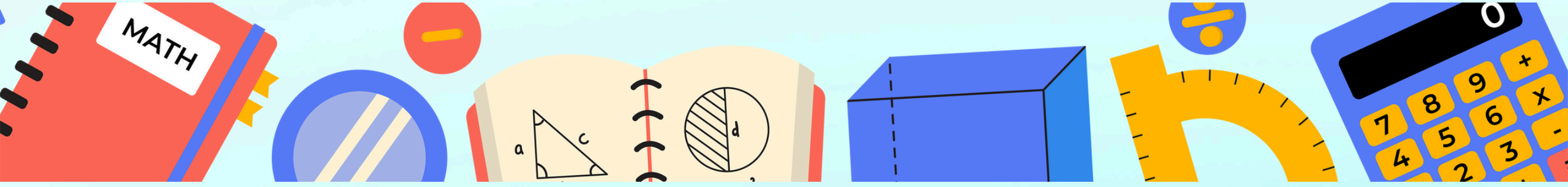
Solving Routine or Non-Routine in Division



To solve word problems, follow these four steps:

1. **Understand:** What is asked, and what are the given facts?
2. **Plan:** What operation is to be used, and what is the number sentence?
3. **Solve:** Find the answer to the problem.
4. **Check:** Look back and check if the answer is correct.



Example Problem:

Aling Nena has a $15\frac{1}{2}$ m long cloth. How many blouses can she make if each blouse uses $1\frac{3}{4}$ m of cloth?

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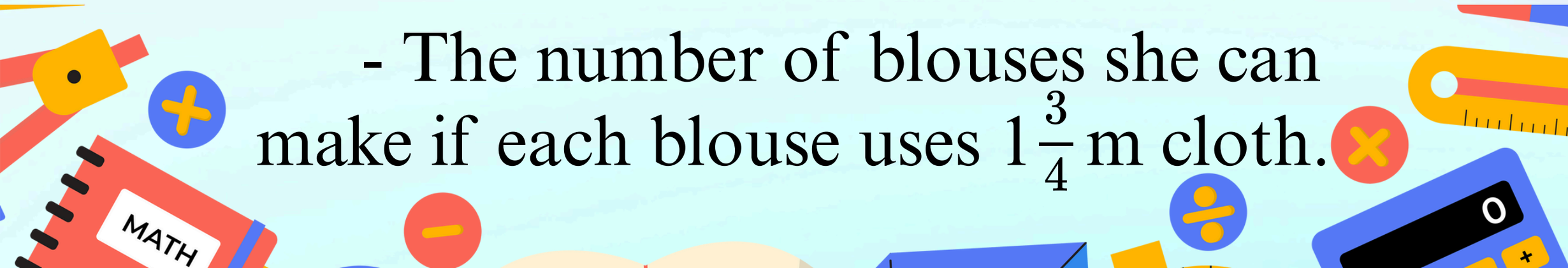
1. Understand

a. What are the given facts?

- $15\frac{1}{2}$ m long of cloth
- $1\frac{3}{4}$ m of cloth each blouse uses.

b. What is asked?

- The number of blouses she can make if each blouse uses $1\frac{3}{4}$ m cloth.



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Aling Nena has a $15\frac{1}{2}$ m long cloth. How many blouses can she make if each blouse uses $1\frac{3}{4}$ m of cloth?

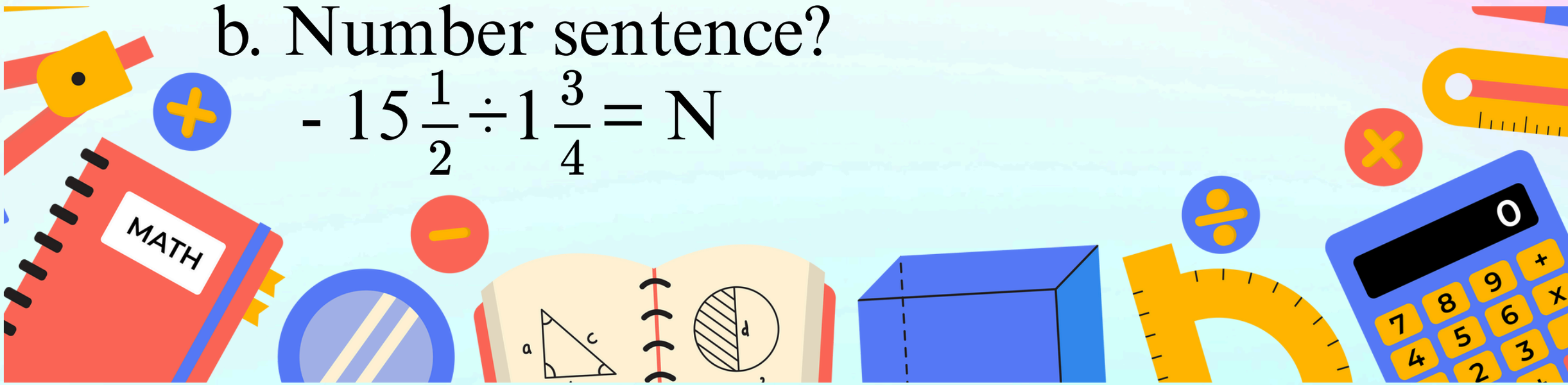
2. Plan

a. What is the operation to be used?

- Division

b. Number sentence?

- $15\frac{1}{2} \div 1\frac{3}{4} = N$



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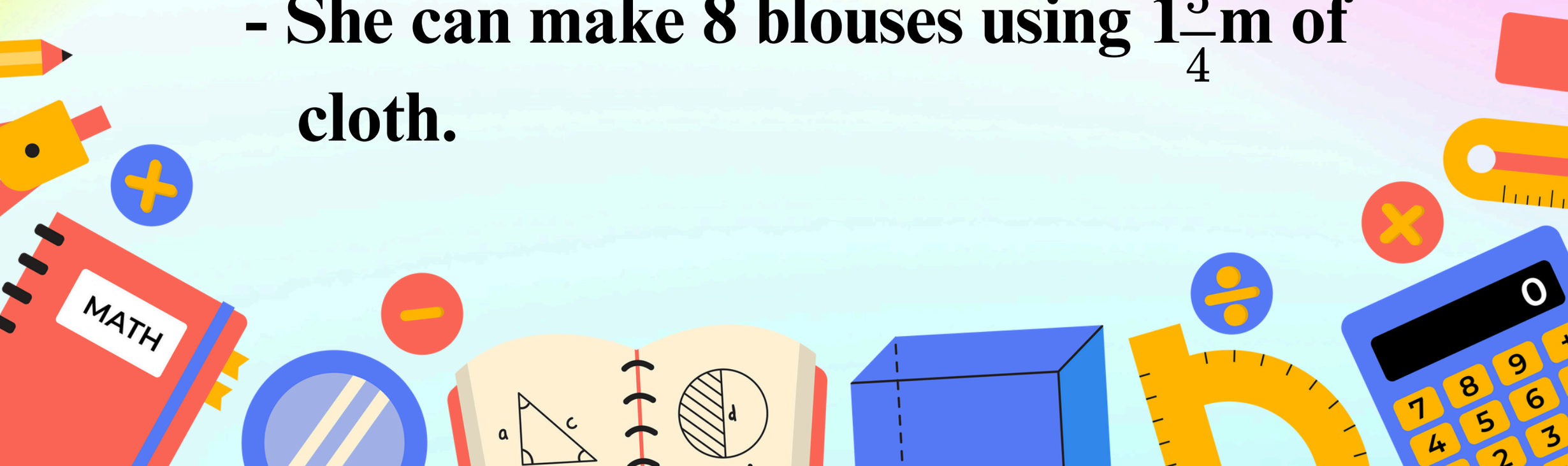
Aling Nena has a $15\frac{1}{2}$ m long cloth. How many blouses can she make if each blouse uses $1\frac{3}{4}$ m of cloth?

3. Solve the problem

$$-15\frac{1}{2} \div 1\frac{3}{4} = \frac{31}{2} \div \frac{7}{4} = \frac{31}{2} \times \frac{4}{7} = \frac{124}{14} = 8\frac{12}{14} \text{ or } 8\frac{6}{7}$$

- She can make 8 blouses using $1\frac{3}{4}$m of cloth.



Example Problem:

Aling Nena has a 15 m long cloth. How many blouses can she make if each blouse uses 1 m of cloth?

4. Check

$$-1\frac{3}{4} \times 8\frac{6}{7} = 15\frac{1}{2}$$