

Add a Fraction and a Mixed Number

CA Standards
KEY NS 2.3, MR 2.4

Add $1\frac{1}{2} + \frac{3}{5}$.

Step 1 Find a common denominator for the fractions. Multiply the denominators.

$$2 \times 5 = 10$$

Step 2 Rewrite the fractions using the common denominator.

$$\frac{1}{2} = \frac{5}{10}$$

$$\frac{3}{5} = \frac{6}{10}$$

Step 3 Add the fractions.

$$\frac{5}{10} + \frac{6}{10} = \frac{11}{10}$$

There is only one whole number: 1

$$1 + \frac{11}{10} = 1\frac{11}{10}$$

Solution: $1\frac{1}{2} + \frac{3}{5} = 2\frac{1}{10}$

Step 4 Simplify the sum if possible.

$$1\frac{11}{10} = 2\frac{1}{10}$$

Add. Write each sum in the simplest form.

1. $8\frac{1}{2} + \frac{2}{3} =$ _____

2. $2\frac{3}{7} + \frac{6}{7} =$ _____

3. $8\frac{1}{6} + \frac{1}{2} =$ _____

4. $\frac{5}{7} + 4\frac{1}{2} =$ _____

Spiral Review (Chapter 5, Lesson 5) **KEY AF 1.5, AF 1.0**

5. Complete the function table to find the value of y .

Day x	1	2	3	4	5	6	7
Amount collected (pennies) y	15	30	45				

6. Write an equation for the function table. _____