

4.NF.B.3 Add or Subtract Fractions (Same Denominators) - II

4.NF.B.3: Understand a fraction a/b with $a > 1$ as a sum of fractions $1/b$.

Give what is asked in each item and then write your answers on the space provided.

1. Add or subtract these numbers. Write your answer as a proper fraction or mixed number.

a. $\frac{10}{5} + \frac{4}{5}$

b. $\frac{14}{9} - \frac{3}{9}$

c. $\frac{17}{8} + \frac{1}{8}$

d. $\frac{17}{11} - \frac{3}{11}$

e. $\frac{23}{6} + \frac{2}{6}$

f. $\frac{24}{7} - \frac{3}{7}$

g. $\frac{24}{13} + \frac{2}{13}$

h. $\frac{22}{3} - \frac{1}{3}$

Answers:

a.

b.

c.

d.

e.

f.

g.

h.

2. Ivy measures her box and recorded the dimensions as shown in the table below. Use this table to answer the questions that follow.

Ivy's Box	
Dimension	Size (in ft)
length	$\frac{63}{6}$
width	$\frac{72}{6}$
height	$\frac{91}{6}$

a. How much taller is Ivy's box than its wide?

b. What is the sum of the size of each dimension of Ivy's box?

c. What is the difference between the box's width and length?

Answers:

a.

c.

b.

3. Jireh is $\frac{26}{5}$ ft tall while his brother Marry is $\frac{29}{5}$ ft tall.

a. How much taller is Marry than Jireh? Show your solution.

b. What is the sum of their heights? Show your solution.

Answers:

a.

b.

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Answer Key

4.NF.B.3: Understand a fraction a/b with $a > 1$ as a sum of fractions $1/b$.

Give what is asked in each item and then write your answers on the space provided.

1. Add or subtract these numbers. Write your answer as a proper fraction or mixed number.

a. $\frac{10}{5} + \frac{4}{5}$

b. $\frac{14}{9} - \frac{3}{9}$

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d. $\frac{17}{11} - \frac{3}{11}$

e. $\frac{23}{6} + \frac{2}{6}$

f. $\frac{24}{7} - \frac{3}{7}$

g. $\frac{24}{13} + \frac{2}{13}$

h. $\frac{22}{3} - \frac{1}{3}$

Answers:

a. $2\frac{4}{5}$

b. $1\frac{2}{9}$

c. $2\frac{1}{4}$

d. $1\frac{3}{11}$

e. $4\frac{1}{6}$

f. 3

g. 2

h. 7

2. Ivy measures her box and recorded the dimensions as shown in the table below. Use this table to answer the questions that follow.

Ivy's Box	
Dimension	Size (in ft)
length	$\frac{63}{6}$
width	$\frac{72}{6}$
height	$\frac{91}{6}$

- How much taller is Ivy's box than its wide?
- What is the sum of the size of each dimension of Ivy's box?
- What is the difference between the box's width and length?

Answers:

a. $3\frac{1}{6}$ ft

c. $1\frac{1}{2}$ ft

b. $37\frac{2}{3}$ ft

3. Jireh is $\frac{26}{5}$ ft tall while his brother Marry is $\frac{29}{5}$ ft tall.

- How much taller is Marry than Jireh? Show your solution.
- What is the sum of their heights? Show your solution.

Answers:

a. $\frac{29}{5} - \frac{26}{5} = \frac{3}{5}$ ft

b. $\frac{26}{5} + \frac{29}{5} = 11$ ft