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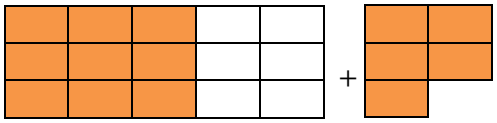
4.NF.B.3 Addition of Fractions (Same Denominators) - III

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.

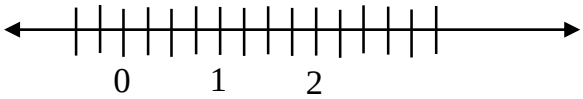
1. Answer the questions.

a. Use the following model to add $\frac{9}{15}$ and $\frac{5}{15}$.



Answer:

b. Use the following model to add $\frac{1}{4}$ and $\frac{6}{4}$.



Answer:

2. Use a model or a number line to answer the questions below. Convert the result into a proper fraction or mixed number.

a. $\frac{2}{8} + \frac{4}{8}$ b. $\frac{4}{17} + \frac{5}{17}$ c. $\frac{13}{18} + \frac{2}{18}$

Answers:
a. b. c.

3. Shane has different types of glasses. Of the total number of glasses, $\frac{2}{6}$ are red wine glasses while $\frac{3}{6}$ are white wine glasses. What fraction shows the total number of red and white wine glasses?

Answer:

4. In an examination, $\frac{1}{11}$ of the questions were given by Teacher 1 while $\frac{5}{11}$ came from Teacher 2. What fractions Shows the total number of questions from both teachers?

Answer:

5. Anne put different fruits in her bag. $\frac{8}{17}$ of her bag contains apples, $\frac{5}{17}$ contains oranges, and $\frac{3}{11}$ contains mangoes. What portion of the bag is filled with fruits?

Answer:

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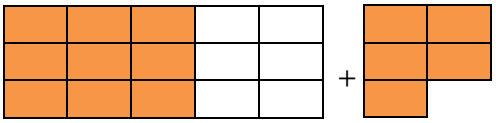
Answer Key

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.

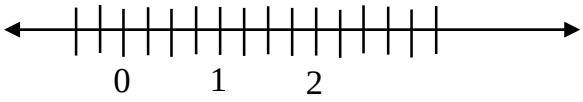
1. Answer the questions.

a. Use the following model to add $\frac{9}{15}$ and $\frac{5}{15}$.



Answer: $\frac{14}{15}$

b. Use the following model to add $\frac{1}{4}$ and $\frac{6}{4}$.



Answer: $1\frac{3}{4}$

2. Use a model or a number line to answer the questions below. Convert the result into a proper fraction or mixed number.

a. $\frac{2}{8} + \frac{4}{8}$ b. $\frac{4}{17} + \frac{5}{17}$ c. $\frac{13}{18} + \frac{2}{18}$

Answers:
a. $\frac{3}{4}$ b. $\frac{9}{17}$ c. $\frac{5}{6}$

3. Shane has different types of glasses. Of the total number of glasses, $\frac{2}{6}$ are red wine glasses while $\frac{3}{6}$ are white wine glasses. What fraction shows the total number of red and white wine glasses?

Answer: $\frac{5}{6}$

4. In an examination, $\frac{1}{11}$ of the questions were given by Teacher 1 while $\frac{5}{11}$ came from Teacher 2. What fractions shows the total number of questions from both teachers?

Answer: $\frac{6}{11}$

5. Anne put different fruits in her bag. $\frac{8}{17}$ of her bag contains apples, $\frac{5}{17}$ contains oranges, and $\frac{3}{17}$ contains mangoes. What portion of the bag is filled with fruits?

Answer: $\frac{16}{17}$