

## 5.NF.A.1 Subtracting Like Fractions and Problem Solving

5.NF.A.1: Add and subtract fractions with unlike denominators.

1. Find the difference.

a.  $\frac{15}{21} - \frac{10}{21}$

d.  $\frac{20}{41} - \frac{3}{41}$

b.  $\frac{7}{12} - \frac{6}{12}$

e.  $\frac{1}{7} + \frac{6}{7} - \frac{4}{7}$

c.  $\frac{25}{17} - \frac{12}{17}$

f.  $\frac{19}{32} - \frac{10}{32}$

Answers:

a.

d.

b.

e.

c.

f.

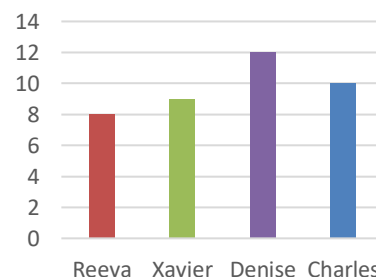
2. I ordered a box of pizza for me and my sister. My sister ate  $\frac{3}{8}$  of the pizza. What fraction of the pizza is left for me?

Answer:

3. A class conducted an election for the class president. The results of the election are shown in the bar graph on the right. Use the graph to answer the questions below.

- How many students participated in the election?
- What fraction of the students voted for Denise?
- What fraction of the students voted for Reeve?
- What is the difference between the fraction of students who voted for Charles and the fraction of students who voted for Xavier?

Class President Election



Answers:

a.

b.

c.

d.

4. Jerry and Dina are baking custard cakes. Jerry's recipe needs  $\frac{13}{15}$  cup of sugar. Dina's recipe needs  $\frac{9}{15}$  cup of sugar. How much more sugar does Jerry's recipe need than Dina's recipe to make a custard cake?

Answer:

5. What is the value of expression  $1 - \frac{3}{7}$ ?

A.  $1\frac{3}{7}$

B.  $\frac{4}{7}$

C.  $\frac{2}{7}$

D.  $\frac{3}{7}$

Answer:

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5.NF.A.1: Add and subtract fractions with unlike denominators.

Answer Key

1. Find the difference.

a.  $\frac{15}{21} - \frac{10}{21}$

d.  $\frac{20}{41} - \frac{3}{41}$

b.  $\frac{7}{12} - \frac{6}{12}$

e.  $\frac{1}{7} + \frac{6}{7} - \frac{4}{7}$

c.  $\frac{25}{17} - \frac{12}{17}$

f.  $\frac{19}{32} - \frac{10}{32}$

Answers:

a.  $\frac{5}{21}$

d.  $\frac{17}{41}$

b.  $\frac{1}{12}$

e.  $\frac{3}{7}$

c.  $\frac{13}{17}$

f.  $\frac{9}{32}$

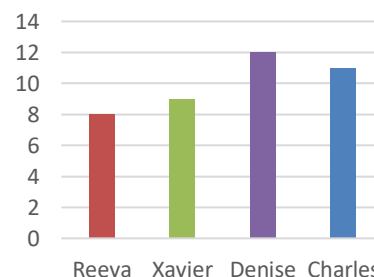
2. I ordered a box of pizza for me and my sister. My sister ate  $\frac{3}{8}$  of the pizza. What fraction of the pizza is left for me?

Answer:

$\frac{5}{8}$

3. A class conducted an election for the class president. The results of the election are shown in the bar graph on the right. Use the graph to answer the questions below.

Class President Election



- How many students participated in the election?
- What fraction of the students voted for Denise?
- What fraction of the students voted for Reeve?
- What is the difference between the fraction of students who voted for Charles and the fraction of students who voted for Xavier?

Answers:

a. 40 students

b.  $\frac{12}{40}$

c.  $\frac{8}{40}$

d.  $\frac{2}{40}$

4. Jerry and Dina are baking custard cakes. Jerry's recipe needs  $\frac{13}{15}$  cup of sugar. Dina's recipe needs  $\frac{9}{15}$  cup of sugar. How much more sugar does Jerry's recipe needs than Dina's recipe to make a custard cake?

Answer:

$\frac{4}{15}$  cup

5. What is the value of expression  $1 - \frac{3}{7}$ ?

A.  $1\frac{3}{7}$

B.  $\frac{4}{7}$

C.  $\frac{2}{7}$

D.  $\frac{3}{7}$

Answer:

B.  $\frac{4}{7}$