Name Date

**Chapter Test, Form 3B**

**Read each question carefully. Write your answers on the**

**lines provided.**

**Add or subtract. Write in simplest form.**

**1.** $\frac{2}{4}+\frac{1}{4}=$

**1.**

**2.**

**2.** $\frac{10}{12}-\frac{4}{12}=$

**3.**

**3.** $\frac{4}{5}-\frac{3}{5}=$

**4.** $\frac{4}{8}+\frac{3}{8}=$

**4.**

**5.**

**5.** $6\frac{1}{6}+6\frac{1}{6}=$

**6.** $7\frac{7}{8}-3\frac{2}{8}=$

**6.**

**7.**

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

**Multiply. Write in simplest form.**

**8.** 9 × $\frac{3}{10}$ =

**8.**

**9.** 2 × $\frac{5}{6}$ =

**9.**

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**Grade 4 • Chapter 9** Operations with Fractions

**18.** Write $\frac{4}{6}$ as a sum of the unit fraction.

$5\frac{4}{12}$

Ryan

$3\frac{2}{12}$

Alexis

$4\frac{6}{12}$

DeJuan

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**18.**

**17.** Caleb and Ryan volunteered for a total of 8$\frac{6}{12}$ hours. How many hours did Caleb volunteer?

**17.**

**16.** How many more hours did DeJuan and Alexis combined volunteer

than Ryan?

**16.**

**15.** How many hours did DeJuan and Alexis volunteer at the library in all?

**15.**

**The number of hours each student volunteered in the library is**

**listed in the table. Use the table below to answer Exercises 15-17.**

**14.**

**14.** Find the product in Exercise 13. Write in simplest form. Identify the two whole numbers between which the product lies.

**13.** Use an equation to write 4 × $\frac{2}{3}$ as a multiple of a unit fraction.

**13.**

**12.** Desiree and 3 of her friends each listened to music for $\frac{4}{6}$ of an hour. How long did they listen to music in all?

**12.**

**11.**

**11.** Valerie has cut an orange into 10 pieces. Valerie ate $\frac{3}{10}$ of the orange. Her brother ate 3 pieces. What fraction of the orange did they eat in all?

**10.**

**10.** Zane spent 3$\frac{2}{5}$ hours on a science project. Timmy spent 4$\frac{4}{5}$ hours on his science project. How many more hours did Timmy spend on his project?

**Solve.**

*(continued)*

**Chapter Test, Form 3B**

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