Name Date

**Chapter Test, Form 3A**

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

**lines provided.**

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

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

**1.**

**2.**

**2.** $\frac{8}{10}-\frac{2}{10}=$

**3.**

**3.** $\frac{3}{4}-\frac{1}{4}=$

**4.** $\frac{5}{12}+\frac{3}{12}=$

**4.**

**5.**

**5.** $7\frac{1}{3}+1\frac{1}{3}=$

**6.** $6\frac{6}{8}-4\frac{4}{8}=$

**6.**

**7.**

**7.** $5\frac{3}{5}+3\frac{1}{5}=$

**Multiply. Write in simplest form.**

**8.** 11 × $\frac{2}{12}$ =

**8.**

**9.** 3 × $\frac{4}{5}$ =

**9.**

**228**

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

**18.**

**18.** Write $\frac{5}{8}$ as a sum of the unit fraction.

$5\frac{2}{10}$

Phillipe

$3\frac{5}{10}$

Sadie

$3\frac{3}{10}$

Tyler

**Hours Volunteering at the Library**

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

**229**

**17.** Jonathon and Phillipe volunteered for a total of 9$\frac{5}{10}$ hours. How many hours did Jonathon volunteer?

**17.**

**16.** How many more hours did Sadie and Tyler combined volunteer

than Phillipe?

**16.**

**15.** How many hours did Sadie and Tyler 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 3 × $\frac{2}{4}$ as a multiple of a unit fraction.

**13.**

**12.** Tori and 2 of her friends each listened to music for $\frac{4}{5}$ of an hour. How long did they listen to music in all?

**12.**

**11.**

**11.** Jordan has cut an orange into 8 pieces. He ate $\frac{4}{8}$ of the orange. His sister ate 3 pieces. What fraction of the orange did they eat in all?

**10.**

**10.** Natalie spent 1$\frac{2}{6}$ hours on a science project. Samuel spent 2$\frac{4}{6}$ hours on his science project. How many more hours did Samuel spend on his project?

**Solve.**

*(continued)*

**Chapter Test, Form 3A**

Name Date