Name Date

**Chapter Test, Form 2B**

**Read each question carefully. Write the letter for your answers**

**on the lines provided.**

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

**1.** $\frac{3}{12}+\frac{2}{12}=$

**A.** $\frac{1}{12}$

**B.** $\frac{5}{12}$

**C.** $\frac{1}{2}$

**D.** $\frac{6}{12}$

**1.**

**2.** $\frac{4}{5}-\frac{2}{5}=$

**F.** $\frac{6}{5}$

**G.** $\frac{4}{5}$

**H.** $\frac{3}{5}$

**I.** $\frac{2}{5}$

**2.**

**3.** $\frac{7}{10}-\frac{5}{10}=$

**A.** $\frac{1}{5}$

**B.** $\frac{1}{2}$

**C.** $\frac{3}{5}$

**D.** $\frac{12}{10}$

**3.**

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

**F.** $\frac{9}{8}$

**G.** $\frac{3}{4}$

**H.** $\frac{1}{2}$

**I.** $\frac{1}{8}$

**4.**

**5.** $5\frac{2}{4}+4\frac{1}{4}=$

**A.** $9\frac{3}{4}$

**B.** $9\frac{3}{8}$

**C.** $8\frac{3}{4}$

**D.** $1\frac{1}{4}$

**5.**

**6.** $4\frac{3}{6}-3\frac{1}{6}=$

**F.** $7\frac{1}{3}$

**G.** $1\frac{2}{3}$

**H.** $1\frac{1}{2}$

**I.** $1\frac{1}{3}$

**6.**

**7.** $7\frac{1}{3}+6\frac{1}{3}=$

**A.** $1\frac{2}{3}$

**B.** $13\frac{1}{2}$

**C.** $13\frac{1}{3}$

**D.** $13\frac{2}{3}$

**7.**

**Multiply. Write in simplest form.**

**8.** 7 × $\frac{3}{6}$ =

**F.** $1\frac{2}{3}$

**G.** $3\frac{1}{3}$

**H.** $3\frac{1}{2}$

**I.** $3\frac{2}{3}$

**8.**

**9.** 12 × $\frac{2}{10}$ =

**B.** $2\frac{2}{5}$

**C.** $1\frac{1}{2}$

**D.** $1\frac{2}{5}$

**A.** 2$\frac{1}{2}$

**9.**

**226**

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

Name Date

**Chapter Test, Form 2B**

*(continued)*

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

**lines provided.**

**Solve.**

**10.** Tony had $4\frac{7}{10}$ boxes of rice. He used $2\frac{3}{10}$ boxes over a month. How many boxes of rice does Tony have left?

**10.**

**11.**

**11.** Mrs. Kelly cut a watermelon into 8 pieces. Grace ate 3 pieces of

the watermelon and Nathan ate 2 pieces. What fraction of the watermelon did Grace and Nathan eat?

**12.** Zoe and his 2 sisters each had $\frac{5}{6}$ cup of dried fruit for snack. How many cups of dried fruit did the girls have altogether?

**12.**

**13.** Write $\frac{4}{12}$ as a sum of the unit fraction.

**13.**

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

**The fraction of Mrs. Dewey’s garden used by each plant is listed**

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

**14.**

**15.**

**15.**

How much more of the garden is used by pansies than lilies?

**16.**

How much of the garden is used by the lilies and pansies

together?

**16.**

Mrs. Costa adds some lilies to take up a total of $\frac{2}{6}$ of the garden. The amount of the garden used by pansies stays the same. If the rest of the garden is roses, how much of the garden is roses?

**17.**

**17.**

**18.**

Garrett has an aquarium. There are 10 fish in his aquarium. Two of

the fish are danios. Four are goldfish, and the rest are rasboras. What fraction of the fish is rasboras?

**18.**

**227**

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

**Mrs. Dewey’s Garden**

Lilies

$\frac{1}{6}$

Pansies

$\frac{3}{6}$