Name Date

**Chapter Test, Form 1B**

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

**on the lines provided.**

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

**1.** $\frac{5}{8}+\frac{1}{8}$

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

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

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

**D.** $\frac{1}{6}$

**1.**

**2.** $\frac{2}{12}+\frac{4}{12}$

**F.** $\frac{1}{6}$

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

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

**I.** $\frac{8}{12}$

**2.**

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

**B.** 1

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

**D.** $\frac{1}{6}$

**3.**

**4.** $\frac{7}{8}-\frac{5}{8}$

**F.** $\frac{12}{8}$

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

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

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

**4.**

**5.** $4\frac{3}{10}+2\frac{5}{10}$

**A.** $6\frac{9}{10}$

**B.** $6\frac{4}{5}$

**C.** $6\frac{3}{10}$

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

**5.**

**6.** $1\frac{2}{4}+3\frac{1}{4}$

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

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

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

**I.** $2\frac{1}{4}$

**6.**

**7.** $9\frac{6}{10}-2\frac{3}{10}$

**A.** $11\frac{9}{10}$

**B.** $11\frac{3}{10}$

**C.** $7\frac{9}{10}$

**D.** $7\frac{3}{10}$

**7.**

**Multiply. Write in simplest form.**

**8.** 5 $×\frac{1}{4}$

**F.** 1

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

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

**I.** $5\frac{1}{4}$

**8.**

**9.** 8 $×\frac{2}{6}$

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

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

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

**A.** 3

**9.**

**222**

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

**A.** $\frac{7}{6}$

**Solve.**

**12.** Ms. Campbell reads $\frac{1}{12}$ of a book to her class each day. What
fraction of the book has Ms. Campbell read to the class after 6 days?

$2\frac{2}{12}$ cups

Baking Powder

$4\frac{5}{12}$ cups

Flour

**Ingredients**

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

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**I.** $6\frac{7}{12}$ cups

**H.** $6\frac{1}{4}$ cups

**G.** $2\frac{7}{12}$ cups

**F.** $2\frac{1}{4}$ cups

**16.**

**16.** How many cups of flour and baking powder are needed in all?

**15.**

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

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

**B.** $2\frac{1}{4}$ cups

**A.** $6\frac{3}{4}$ cups

**15.** How much more flour than baking powder is needed?

**The amount needed of some ingredients in a recipe is listed in**

**the table. Use the table below to answer Exercises 15 and 16.**

**14.**

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

**H.** $\frac{3}{10}$

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

**F.** $\frac{1}{10}$

**14.** Riley planted 10 flowers. Five of the flowers are purple. Three are

pink, and the rest are red. What fraction of the flowers is red?

**D.** 1 egg

**C.** 3 eggs

**B.** 4 eggs

**A.** 7 eggs

**13.**

**13.** Mr. Niles used $\frac{5}{12}$ of a carton of eggs to make breakfast Saturday. He used $\frac{2}{12}$ of the carton on Sunday. How many more eggs did he use on Saturday?

**12.**

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

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

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

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

**D.** 2 × $\frac{1}{5}$

**C.** 5 × $\frac{2}{5}$

**B.** 6 × $\frac{1}{5}$

**A.** 6 × $\frac{2}{5}$

**11.**

**11.** Which equation represents 2 × $\frac{3}{5}$ as a multiple of a unit fraction?

**I.** $\frac{1}{6}+\frac{2}{6}$

**G.** $\frac{1}{5}+\frac{1}{5}$

**H.** $\frac{2}{5}+\frac{1}{5}$

**F.** $\frac{3}{6}+\frac{1}{6}$

\_2

**10.**

**10.** Which expression shows the same sum as $\frac{1}{5}+\frac{1}{5}+\frac{1}{5}$?

*(continued)*

**Chapter Test, Form 1B**

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