

Choose the best answer.

1. Add $\frac{3}{4} + \frac{5}{6}$.

A $1\frac{7}{12}$

B $1\frac{5}{12}$

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

2. Find the difference $\frac{7}{9} - \frac{2}{3}$.

A $\frac{1}{9}$

B $\frac{5}{6}$

C $1\frac{4}{9}$

3. Multiply $\frac{5}{16} \cdot \frac{4}{15}$. Write the answer in simplest form.

A $\frac{20}{240}$

B $\frac{2}{24}$

C $\frac{1}{12}$

4. A recipe calls for $2\frac{1}{4}$ cups of flour to make a batch of cookies. How many batches of cookies can be made if you have $15\frac{3}{4}$ cups of flour?

A 6

B 7

C 8

5. Find $\frac{3}{4} \div \frac{7}{9}$.

A $\frac{7}{12}$

B $\frac{27}{28}$

6. Solve $x - \frac{3}{4} = 1\frac{1}{8}$.

A $1\frac{5}{8}$

B $1\frac{7}{8}$

7. Solve $\frac{5}{12}x = \frac{3}{8}$. Write the answer in simplest form.

A $\frac{1}{10}$

B $\frac{9}{10}$

C $1\frac{1}{10}$

11. $1\frac{4}{5}$

12. $3\frac{17}{20}$

3-6 Problem Solving

2. $\frac{40}{1}$; 40; 5; 8; 1; 8; 8; 8

3. C

4. B

5. C

6. A

3-7 Practice

2. 27

3. 4

4. 12

6. 2

7. $\frac{1}{5}$

8. $\frac{1}{2}$

9. $1\frac{1}{2}$

10. $-\frac{1}{4}$

11. $5\frac{1}{3}$

12. $7\frac{1}{2}$

13. $2\frac{6}{7}$

14. 8 bottles

3-7 Problem Solving

2. $\frac{175}{8}$; $\frac{25}{1}$; 175; 25; $\frac{7}{8}$; $\frac{7}{8}$; $\frac{7}{8}$

3. A

4. B

3-8 Practice

1. B

2. B

3. B

4. A

5. C

6. C

8. $d = \frac{7}{10}$

9. $m = 1\frac{1}{9}$

10. $x = 1\frac{1}{4}$

3-8 Problem Solving

2. divide; $1\frac{1}{3}$; $16 \div 1\frac{1}{3}$; 12; 12

3. B

4. B

Chapter 3 Section A Quiz

1. B

2. B

3. A

4. C

5. A

6. B

7. B

8. C

Chapter 3 Section B Quiz

1. A

2. A

3. C

4. B

5. B

6. B

7. B

Chapter 3 Multiple Choice Test

1. B

2. A

3. A