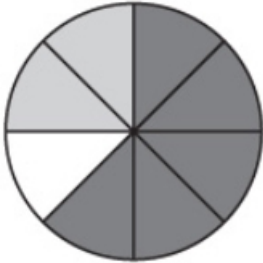


Name: _____

Unit 1 Form B

1. Solve.

Two-eighths of the movies in Beth's collection are action movies. Another $\frac{5}{8}$ of the movies are comedies. What fraction of Beth's movies are either action movies or comedies?



- A. $\frac{1}{8}$
- B. $\frac{3}{8}$
- C. $\frac{5}{8}$
- D. $\frac{7}{8}$

2. Solve.

A farmer has two equal-size fields. He plants corn in $\frac{11}{12}$ of the first field and in $\frac{6}{12}$ of the second field. How much more of the first field does he plant with corn than the second field?



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

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

C. $\frac{7}{12}$

D. $\frac{11}{12}$

3. **Solve.**

Chris and Dillon ordered a medium pizza. Chris ate $\frac{3}{8}$ of the pizza. Dillon ate $\frac{1}{4}$ of the pizza. What fraction of the pizza did they eat?



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

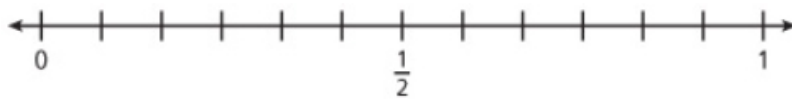
B. $\frac{2}{3}$

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

D. $\frac{7}{8}$

4. **Solve.**

Endo and Luis are running a race around the school track. At one point *During* the race, Endo is $\frac{3}{4}$ of the way around the track and Luis is $\frac{2}{3}$ of the way around the track. How much farther around the track was Endo than Luis?



A. $\frac{1}{24}$

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

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

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

5. **Solve.**

Karen ran $3\frac{7}{10}$ miles to the end of a trail and then ran back. She wrote this equation to show how far she ran in all.

$$3\frac{7}{10} + 3\frac{7}{10} = x$$

How far did Karen run in all?

A. $6\frac{3}{10}$ miles

B. $6\frac{2}{5}$ miles

C. $7\frac{3}{10}$ miles

D. $7\frac{2}{5}$ miles

6. **Which fraction is equivalent to $\frac{5}{8}$?**

A. $\frac{3}{7}$

B. $\frac{15}{24}$

C. $\frac{6}{9}$

D. $\frac{10}{4}$

7. **Which fraction is equivalent to $\frac{4}{16}$?**

A. $\frac{1}{4}$

B. $\frac{12}{42}$

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

D. $\frac{8}{18}$

8. Which fraction is equivalent to $\frac{2}{6}$?

A. $\frac{2}{12}$

B. $\frac{4}{24}$

C. $\frac{4}{12}$

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

9. Compare.

Which is true?

A. $\frac{3}{5} > \frac{3}{4}$

B. $\frac{4}{7} > \frac{4}{6}$

C. $\frac{5}{8} < \frac{3}{8}$

D. $\frac{5}{12} < \frac{7}{12}$

10. Compare.

Which is true?

A. $\frac{3}{4} < \frac{8}{11}$

B. $\frac{3}{8} > \frac{4}{11}$

C. $\frac{3}{11} < \frac{2}{8}$

D. $\frac{3}{4} > \frac{11}{12}$

11. **Compare.**

Which is true?

A. $\frac{4}{9} > \frac{3}{10}$

B. $\frac{4}{10} < \frac{3}{9}$

C. $\frac{3}{4} > \frac{9}{11}$

D. $\frac{3}{10} < \frac{2}{9}$

12. **What is the sum?**

$$\begin{array}{r} \frac{3}{4} \\ + \frac{5}{8} \\ \hline \end{array}$$

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

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

C. $1\frac{3}{8}$

D. $3\frac{1}{8}$

13. **What is the difference?**

$$\begin{array}{r} \frac{5}{8} \\ - \frac{1}{4} \\ \hline \end{array}$$

A. $\circ \frac{1}{8}$

B. $\circ \frac{3}{8}$

C. $\circ \frac{5}{8}$

D. $\circ \frac{7}{8}$

14. What is the difference?

$$\begin{array}{r} 7\frac{1}{8} \\ - 1\frac{1}{2} \\ \hline \end{array}$$

A. $\circ 5\frac{3}{8}$

B. $\circ 5\frac{5}{8}$

C. $\circ 6\frac{3}{8}$

D. $\circ 6\frac{5}{8}$

15. What is the sum?

$$\begin{array}{r} \frac{3}{8} \\ + 4\frac{5}{6} \\ \hline \end{array}$$

A. $\circ 4\frac{1}{18}$

B. $\circ 4\frac{5}{24}$

C. $\circ 5\frac{1}{18}$

D. $\circ 5\frac{5}{24}$

16. What is the difference?

$$\begin{array}{r} 6\frac{3}{4} \\ - 2\frac{1}{5} \\ \hline \end{array}$$

A. $3\frac{9}{20}$

B. $3\frac{11}{20}$

C. $4\frac{9}{20}$

D. $4\frac{11}{20}$

17. What is the sum?

$$\begin{array}{r} 4\frac{3}{4} \\ + 1\frac{6}{7} \\ \hline \end{array}$$

A. $5\frac{17}{28}$

B. $6\frac{11}{28}$

C. $6\frac{17}{28}$

D. $6\frac{27}{28}$

18. Solve.

Monroe's basketball team spent $\frac{1}{6}$ of practice shooting free throws and another $\frac{2}{3}$ of practice working on defense. Which equation can be used to find how much of the practice the team spent shooting free throws or working on defense?

A. $\frac{1}{6} + \frac{1}{6} = \frac{1}{3}$

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

C. $\frac{2}{3} - \frac{1}{6} = \frac{1}{2}$

D. $\frac{2}{3} + \frac{1}{6} = \frac{5}{6}$

19. **Solve.**

It takes Juan's family $3\frac{3}{4}$ hours to drive to his grandparents' house. That is $1\frac{7}{10}$ hours longer than it takes them to drive to his aunt's house. How long does it take Juan's family to drive to his aunt's house?

A. $2\frac{1}{20}$ hours

B. $2\frac{3}{40}$ hours

C. $2\frac{1}{10}$ hours

D. $2\frac{3}{10}$ hours

20. **Solve.**

Andy wants to put 8 gallons of water in his new fish tank. He fills a bucket that holds $2\frac{5}{16}$ gallons and pours it into the tank. Then he adds another full bucket of water. How much more water does Andy need to add to the tank?

A. $1\frac{1}{16}$ gallons

B. $3\frac{3}{8}$ gallons

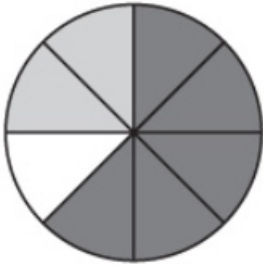
C. $4\frac{5}{8}$ gallons

D. $5\frac{11}{16}$ gallons

Unit 1 Form B
ANSWER KEY

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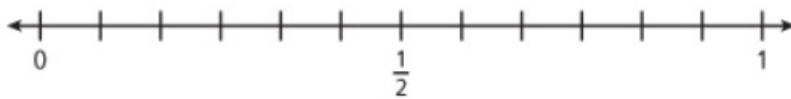
B. $\frac{2}{3}$

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

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4. **Solve.**

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A. $\frac{1}{24}$

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

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

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

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C. $1\frac{3}{8}$

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13. **What is the difference?**

$$\begin{array}{r} \frac{5}{8} \\ - \frac{1}{4} \\ \hline \end{array}$$

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

C. $\frac{5}{8}$

D. $\frac{7}{8}$

14. What is the difference?

$$\begin{array}{r} 7\frac{1}{8} \\ - 1\frac{1}{2} \\ \hline \end{array}$$

A. $5\frac{3}{8}$

B. $5\frac{5}{8}$

C. $6\frac{3}{8}$

D. $6\frac{5}{8}$

15. What is the sum?

$$\begin{array}{r} \frac{3}{8} \\ + 4\frac{5}{6} \\ \hline \end{array}$$

A. $4\frac{1}{18}$

B. $4\frac{5}{24}$

C. $5\frac{1}{18}$

D. $5\frac{5}{24}$

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$$\begin{array}{r} 6\frac{3}{4} \\ - 2\frac{1}{5} \\ \hline \end{array}$$

A. $3\frac{9}{20}$

B. $3\frac{11}{20}$

C. $4\frac{9}{20}$

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17. What is the sum?

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C. $\frac{2}{3} - \frac{1}{6} = \frac{1}{2}$

D. $\frac{2}{3} + \frac{1}{6} = \frac{5}{6}$

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It takes Juan's family $3\frac{3}{4}$ hours to drive to his grandparents' house. That is $1\frac{7}{10}$ hours longer than it takes them to drive to his aunt's house. How long does it take Juan's family to drive to his aunt's house?

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B. $3\frac{3}{8}$ gallons

C. $4\frac{5}{8}$ gallons

D. $5\frac{11}{16}$ gallons