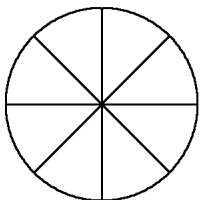


unit 5-Operations with Fractions

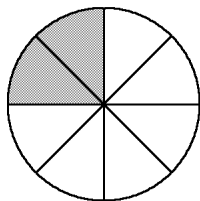
Multiple Choice

Identify the choice that best completes the statement or answers the question.

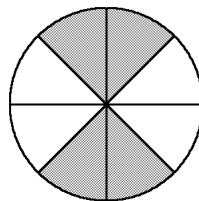
- _____ 1. Shade $\frac{1}{4}$ of this circle.



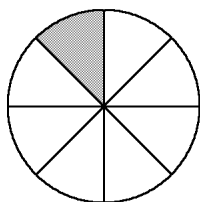
a.



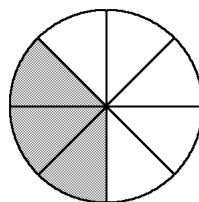
c.



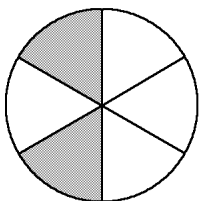
b.



d.



- _____ 2. What fraction of this circle is shaded?



a.

$\frac{1}{8}$

b.

$\frac{1}{2}$

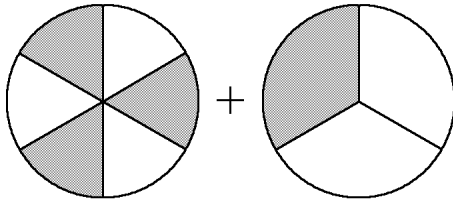
c.

$\frac{1}{4}$

d.

$\frac{1}{3}$

- _____ 3. Find the sum of the fractions modelled by these fraction circles.



- a. $\frac{5}{6}$ b. $\frac{2}{3}$ c. $\frac{4}{9}$ d. $\frac{1}{6}$

- _____ 4. Add: $\frac{3}{8} + \frac{1}{2}$

- a. $\frac{5}{8}$ b. $\frac{5}{12}$ c. $\frac{7}{8}$ d. $\frac{1}{2}$

- _____ 5. Joshua spent $\frac{1}{2}$ of his money on DVDs and $\frac{1}{3}$ on food.

What fraction of his money did Joshua spend?

- a. $\frac{1}{6}$ b. $\frac{5}{6}$ c. $\frac{2}{5}$ d. $\frac{1}{5}$

- _____ 6. Which number can be used as a common denominator to subtract $\frac{3}{4} - \frac{1}{8}$?

- a. 8 b. 4 c. 6 d. 12

- _____ 7. Subtract: $\frac{3}{5} - \frac{1}{2}$

- a. $\frac{2}{7}$ b. $\frac{2}{3}$ c. $\frac{1}{7}$ d. $\frac{1}{10}$

- _____ 8. Steve has $\frac{5}{6}$ of a tank of gas at the beginning of the week. He used $\frac{2}{6}$ of a tank.

What fraction of the tank of gas is left?

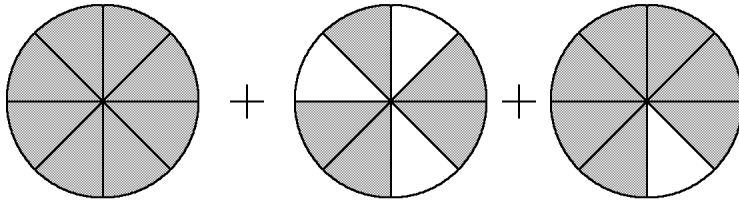
- a. $\frac{1}{2}$ b. $\frac{5}{2}$ c. $\frac{1}{3}$ d. $\frac{2}{3}$

- _____ 9. A cookie recipe calls for $\frac{1}{2}$ cup of chocolate chips. Margo has $\frac{5}{6}$ cup.

How much of a cup will be left after use?

- a. $\frac{1}{2}$ b. 1 c. $\frac{2}{3}$ d. $\frac{1}{3}$

_____ 10. Find the sum of the fractions modelled by these 3 fraction circles.



- a. $1\frac{3}{4}$ b. 16 c. $2\frac{1}{2}$ d. $9\frac{1}{2}$

_____ 11. Write $3\frac{5}{6}$ as an improper fraction.

- a. $\frac{23}{6}$ b. $\frac{7}{3}$ c. 15 d. $\frac{4}{3}$

_____ 12. Add: $3\frac{1}{5} + 2\frac{1}{5}$

- a. $5\frac{2}{5}$ b. $5\frac{1}{5}$ c. $6\frac{2}{5}$ d. $5\frac{1}{10}$

_____ 13. Add: $4\frac{1}{6} + 3\frac{2}{3}$

- a. $7\frac{1}{4}$ b. $7\frac{5}{6}$ c. $7\frac{1}{3}$ d. $7\frac{1}{2}$

_____ 14. What is the lowest common denominator for the fraction parts in $3\frac{3}{4}$ and $2\frac{4}{5}$?

- a. 10 b. 9 c. 14 d. 20

_____ 15. Subtract: $4\frac{2}{5} - 1\frac{1}{3}$

- a. $5\frac{11}{15}$ b. $3\frac{1}{2}$ c. $3\frac{1}{15}$ d. $3\frac{1}{8}$

_____ 16. A baby was born weighing $3\frac{1}{4}$ kg. After 2 months, it weighed $6\frac{1}{2}$ kg.

How much weight did the baby gain over the 2 months?

- a. $9\frac{3}{4}$ kg b. $3\frac{1}{4}$ kg c. $3\frac{1}{3}$ kg d. $2\frac{3}{4}$ kg

Name: _____

ID: A

_____ 17. Subtract: $4\frac{1}{3} - 1\frac{5}{6}$

a. $2\frac{1}{3}$

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

c. $3\frac{1}{2}$

d. $3\frac{4}{9}$