

Name: _____

Date: _____

SOL 4.5b,d ASSESSMENT**Directions: Solve for each of the problems. Write your answers in simplest form (reduced fraction or in a mixed number).****1. Solve for the common denominator of $\frac{1}{4}$ and $\frac{2}{6}$.**

a. 10	b. 12	c. 24	d. 36
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2. The best estimate for the sum of $\frac{3}{4}$ and $\frac{1}{2}$ is would be – (hint: draw your fraction models)

a. more than 0 but less than $\frac{1}{2}$	b. equal to $\frac{1}{2}$
c. more than $\frac{1}{2}$ but less than 1	d. greater than 1

3. Solve for the sum of $\frac{2}{6}$ and $\frac{1}{6}$

a. $\frac{1}{6}$	b. $\frac{3}{6}$
c. $\frac{1}{2}$	d. $\frac{3}{12}$

4. Solve for the difference of $\frac{4}{12}$ and $\frac{1}{12}$

a. $\frac{1}{4}$	b. $\frac{5}{12}$
c. $\frac{3}{12}$	d. $\frac{1}{2}$

5. Solve for the sum of $\frac{2}{5}$ and $\frac{4}{5}$

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

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6. Solve for the difference of $\frac{4}{8}$ and $\frac{1}{4}$

a. $\frac{1}{4}$	b. $\frac{2}{8}$
c. $\frac{6}{8}$	d. $\frac{3}{12}$

7. Solve for the sum of $\frac{9}{12}$ and $\frac{3}{4}$

a. $\frac{12}{16}$	b. $\frac{18}{12}$
c. $\frac{0}{12}$	d. $1\frac{1}{2}$

8. Solve for the sum of $1\frac{2}{6}$ and $1\frac{1}{9}$

a. $2\frac{8}{18}$	b. $2\frac{3}{15}$
c. $2\frac{4}{9}$	d. $2\frac{4}{18}$

9.  -  =

a. $\frac{4}{6}$	b. $\frac{6}{18}$
c. $\frac{9}{12}$	d. $\frac{3}{4}$

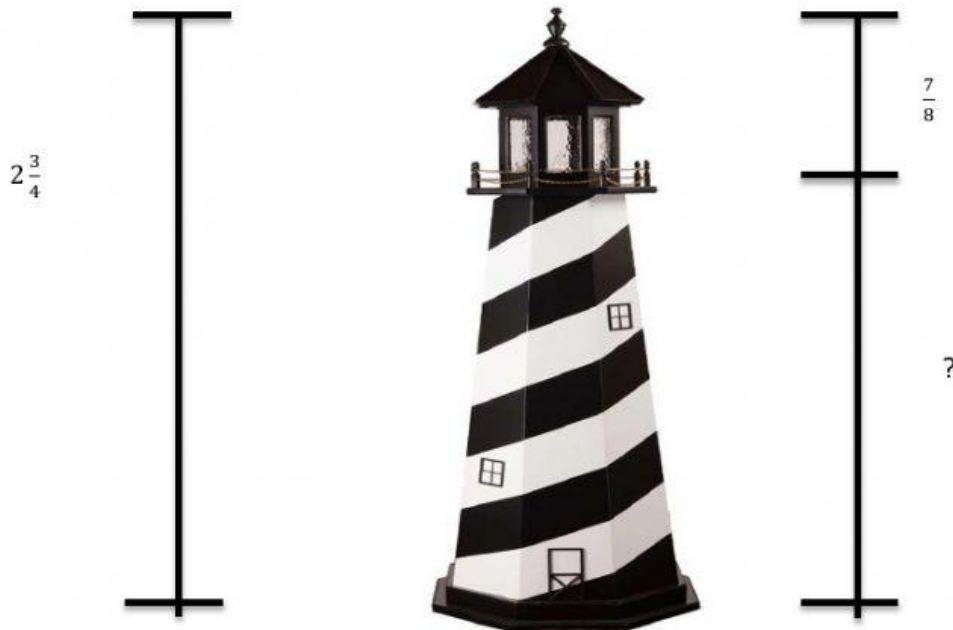
10. Sam ordered an x-large pizza for his party. If he ate $\frac{3}{8}$ of the pizza, and his brother ate $\frac{1}{4}$ of the pizza. How much pizza did they eat?

a. $\frac{5}{8}$	b. $\frac{3}{8}$
c. $\frac{1}{8}$	d. $\frac{7}{8}$

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11. A garden lighthouse with two levels has a total height of $2\frac{3}{4}$ feet. The height of the lantern structure is $\frac{7}{8}$ of a foot, as shown in the picture.



What is the height of the first level of this lighthouse?

a. $3\frac{5}{8}$	b. $1\frac{7}{8}$
c. $1\frac{3}{4}$	d. $1\frac{5}{8}$