

Name: \_\_\_\_\_ Date: \_\_\_\_\_

### 5.6 – Adding and Subtracting Fractions

1. Michael has a total of 12 pies to serve. This table shows the amounts of pie Michael has already severed.

Michael's Pies			
Pie	Cherry	Peach	Apple
Amount Served	$2\frac{1}{4}$	$2\frac{2}{3}$	$3\frac{1}{2}$

Which mixed number represents the total amount of pie Michael has left to serve?

- A.  $8\frac{5}{12}$
- B.  $7\frac{11}{12}$
- C.  $3\frac{7}{12}$
- D.  $4\frac{1}{12}$

2. David has a total of 8 pizzas to serve. This table shows the amounts of pie David has already severed.

David's Pizzas			
Pizza	Cheese	Peperoni	Veggie
Amount Served	$2\frac{1}{2}$	$1\frac{3}{4}$	$\frac{7}{8}$

Which mixed number represents the total amount of pizza David has left to serve?

- A.  $5\frac{1}{4}$
- B.  $5\frac{1}{8}$
- C.  $2\frac{7}{8}$
- D.  $2\frac{3}{4}$

3. This chart shows the number of miles Tyrone walked on each of three days.

Tyrone's Walking Chart	
Day	Number of Miles
1	$2\frac{3}{4}$
2	$1\frac{1}{2}$
3	$5\frac{1}{6}$

What is the total number of miles Tyrone walked on these three days?

A.  $3\frac{1}{12}$

C.  $4\frac{1}{2}$

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

D.  $5\frac{1}{12}$

4. This chart shows the number of miles Tia walked on each of three days.

Tia's Walking Chart	
Day	Number of Miles
1	$1\frac{3}{4}$
2	$3\frac{1}{2}$
3	$1\frac{2}{3}$

What is the total number of miles Tyrone walked on these three days?

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

C.  $6\frac{11}{12}$

B.  $5\frac{11}{12}$

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

5. This chart shows the number of miles Jose walked on each of three days.

Jose's Walking Chart	
Day	Number of Miles
1	$2\frac{3}{4}$
2	$2\frac{1}{2}$
3	$1\frac{2}{3}$

What is the difference between Day 1 and Day 3 combined and Day 2?

A.  $4\frac{5}{12}$

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

B.  $1\frac{11}{12}$

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

6. At the end of May, Jenna's height was  $56\frac{1}{2}$  inches. At the end of September, Jenna's height was  $57\frac{1}{8}$  inches. Exactly how much did Jenna grow between the end of May and the end of September?

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

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

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

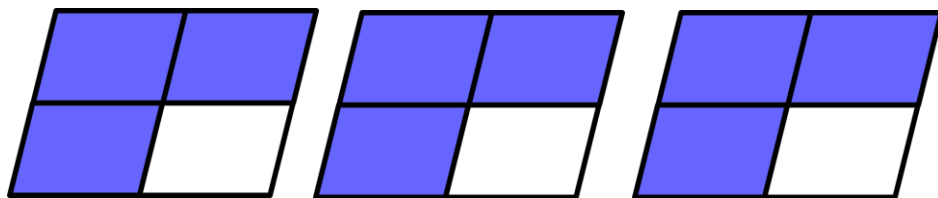
D.  $1\frac{3}{8}$

7. Jimmy has a bag containing  $4\frac{1}{2}$  cups of sugar. She will use  $1\frac{3}{4}$  cups of sugar to make cookies and  $\frac{1}{3}$  cup of sugar to make pancakes. How many cups of sugar will Jimmy have left after he has made cookies and pancakes?

cups



8. Write the equation and product for the model below (in simplest form).

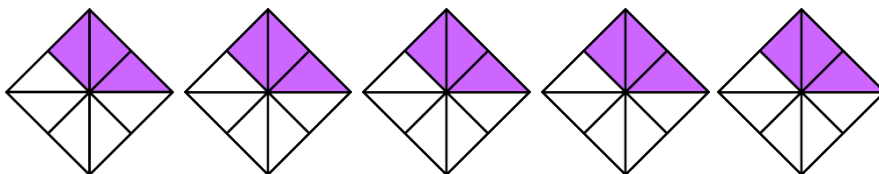


\_\_\_\_\_ = \_\_\_\_\_

9. Abby is making cookies. She needs  $\frac{1}{3}$  cup of butter for each batch. How much butter is needed for 5 batches of cookies?

- A. 5 cups
- B.  $1\frac{2}{3}$  cups
- C.  $\frac{3}{5}$  cup
- D.  $\frac{2}{3}$  cup

10. Which equation matches the model below?



- A.  $3 \times \frac{5}{8} = 1\frac{7}{8}$
- B.  $5 \times \frac{3}{5} = 3$
- C.  $5 \times \frac{3}{7} = 2\frac{1}{7}$
- D.  $5 \times \frac{3}{8} = 1\frac{7}{8}$