4, — fractions Round TWO!

Name:_____

1. Mandy had $2\frac{2}{6}$ cups of sugar. She used $1\frac{1}{4}$ cups of the sugar in a recipe. She used the model below to determine how many cups of sugar were left.
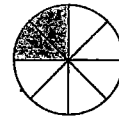

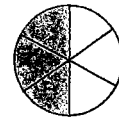In which model does the shaded portion show how many cups of sugar were left?

A

B

C

D

2. Dawn took two pies to a school bake sale. She cut Pie A into 8 slices and Pie B into 6 slices. She sold two slices of Pie A and three slices of Pie B, as shown in the diagram below.

Pie A   **Pie B**

Which equation correctly shows how much total pie Dawn has remaining?

A $\frac{3}{4} + \frac{1}{2} = \frac{4}{6} = \frac{2}{3}$

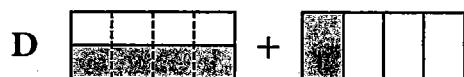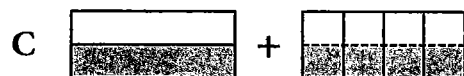B $\frac{6}{8} + \frac{3}{6} = \frac{9}{48} = \frac{3}{16}$
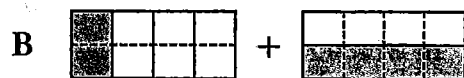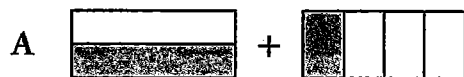
C $\frac{6}{8} + \frac{3}{6} = \frac{9}{14} = \frac{9}{14}$

D $\frac{36}{48} + \frac{24}{48} = \frac{60}{48} = 1\frac{1}{4}$

3. Amy is following two recipes. One recipe calls for $\frac{1}{4}$ cup of butter. The other calls for $\frac{1}{2}$ cup of butter. Which model does **NOT** represent the total amount of butter Amy needs for both recipes?

A

B

C

D

4. Jenna has $\frac{5}{8}$ cup of flour. She wonders how much she would have left if she uses $\frac{3}{4}$ cup of flour in a recipe. Would she have any left? How do you know?

5. s, what distance remains?

6. A tailor had $\frac{11}{12}$ foot of thread. He used $\frac{3}{4}$ foot to sew a button on a shirt. How much of the thread does the tailor have left?

Ⓐ $\frac{1}{5}$ foot   Ⓒ $\frac{1}{2}$ foot

Ⓑ $\frac{1}{8}$ foot   Ⓓ $\frac{1}{6}$ foot

7. You are baking a loaf of bread that takes $\frac{3}{4}$ hours to bake. In the meantime, you spend $\frac{1}{3}$ hour cleaning the kitchen and $\frac{1}{5}$ hour checking your email. What fraction of an hour do you still have to wait before the bread is done?

F $\frac{1}{4}$

G $\frac{13}{60}$

H $\frac{7}{15}$

J $\frac{1}{2}$

8. Which is the best estimate of the sum of $\frac{4}{5}$ and $\frac{3}{4}$?

Ⓐ 2   Ⓒ $\frac{1}{2}$

Ⓑ 4   Ⓓ 5

9. It rained $\frac{3}{4}$ inch on Monday and $\frac{5}{8}$ inch on Tuesday. How much must it rain on Wednesday for the total amount of rain to be 2 inches for the three days?

F $\frac{3}{8}$ in.

G $\frac{5}{8}$ in.

H $\frac{7}{8}$ in.

J $1\frac{3}{8}$ in.

11. Jamie wants to add $\frac{5}{6}$ to $\frac{5}{8}$. How can she add without using models?

F $\frac{20}{24} + \frac{20}{24} = \frac{40}{24} = 1\frac{16}{24} = 1\frac{2}{3}$

G $\frac{15}{24} + \frac{15}{24} = \frac{30}{24} = 1\frac{6}{24} = 1\frac{1}{4}$

H $\frac{18}{24} + \frac{15}{24} = \frac{33}{24} = 1\frac{9}{24} = 1\frac{3}{8}$

J $\frac{20}{24} + \frac{15}{24} = \frac{35}{24} = 1\frac{11}{24}$

10. Mr. Martin went to the store to buy food for a cookout. He bought $4\frac{5}{6}$ pounds of chicken, $6\frac{7}{8}$ pounds of steak, and $3\frac{1}{4}$ pounds of sausage. He also bought $2\frac{1}{2}$ pounds of cheese. How many pounds of meat did Mr. Martin buy?

A $11\frac{17}{24}$

B $13\frac{13}{24}$

C $14\frac{23}{24}$

D $17\frac{11}{24}$

12. Jeremy walked $\frac{1}{4}$ mile, then $\frac{2}{3}$ mile, and then $\frac{1}{4}$ mile. How far did he walk in all?

A $\frac{11}{12}$ mile

B 1 mile

C $1\frac{1}{12}$ mile

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

13. Mark has two buckets that can each hold 1 gallon of water. The first bucket is $\frac{3}{4}$ full. The second bucket is $\frac{7}{10}$ full. How many total gallons of water does Mark have?

A $\frac{10}{14}$

B $\frac{29}{40}$

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

D $1\frac{9}{20}$

14. Mrs. Tolliver's son Eric is $5\frac{2}{6}$ feet tall, and her daughter Jackie is $4\frac{3}{4}$ feet tall. How much taller is Eric than Jackie?

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

B $\frac{5}{6}$ ft

C $1\frac{5}{12}$ ft

D $1\frac{1}{2}$ ft

15. Len asked students in his class to name their favorite type of music. The results are shown.

Favorite Music

Type	Number of Students
Classical	3
Country	8
Rap	5
Rock	4

Len wants to find the difference between the fraction of the class that likes country and the fraction that likes rap. What should he do to find the denominator of the difference?