5.NF.2

1. A pancake recipe calls for three kinds of flour, as described below.
   • \( \frac{2}{3} \) cup white flour
   • \( \frac{3}{4} \) cup whole wheat flour
   • \( \frac{2}{5} \) cup buckwheat flour
What is the total amount of flour the recipe calls for?

(A) \( \frac{7}{60} \) cup

(B) \( \frac{7}{12} \) cup

(C) \( 1 \frac{29}{60} \) cups

(D) \( 1 \frac{49}{60} \) cups

2. Zack and Liam shot arrows at a target. Zack’s arrow landed \( \frac{7}{8} \) inch from the center of the target.
   Liam’s arrow landed \( \frac{5}{12} \) inch from the center of the target.

A. How much CLOSER, in inches, was Liam’s arrow to the center than Zack’s arrow? Draw a fraction model on the grid, and use the model to find your answer. Show your work.

B. Explain how you used the model to find your answer in part A.

C. Use estimation to determine if your answer to part A is reasonable. Show or explain your work.
3. What was the total height of the 3 shortest plants?

(A) 19 inches

(B) $19\frac{1}{2}$ inches

(C) 20 inches

(D) $20\frac{1}{2}$ inches
4. What was the height of the tallest plant?

(A) $9\frac{1}{2}$ inches

(B) $9\frac{1}{4}$ inches

(C) $8\frac{3}{4}$ inches

(D) $7\frac{3}{4}$ inches

5. Omar measured $\frac{5}{8}$ pound of flour on a scale. He removed some flour from the scale so that only $\frac{3}{16}$ pound was left. How much flour did he remove?

(A) $\frac{1}{4}$ pound

(B) $\frac{3}{8}$ pound

(C) $\frac{7}{16}$ pound

(D) $\frac{1}{2}$ pound
6. Jaleel bought \( \frac{3}{4} \) pound of sliced turkey at the deli. He used \( \frac{2}{3} \) pound of the turkey to make some sandwiches. How much turkey does Jaleel have left over?

(A) \( \frac{1}{24} \) pound

(B) \( \frac{1}{12} \) pound

(C) \( \frac{1}{6} \) pound

(D) \( \frac{1}{3} \) pound

5.NF.7.C

7. A team of 4 gold miners found \( \frac{1}{3} \) ounce of gold. They will share the gold equally.

A. How much gold does each miner get? Make a fraction model on this grid to help you solve the problem. Show your work.

B. Explain how you used your fraction model to solve the problem.

C. If the miners find \( \frac{1}{3} \) ounce of gold every day, how many days does it take them to find a total of 3 ounces of gold? Make a model on this grid to solve the problem. Show your work.
8. A certain type of insect has a mass of \( \frac{1}{10} \) gram. How many of these insects does it take to have a total mass of 5 grams?

(A) 2  
(B) 5  
(C) 15  
(D) 50
9. The picture shows a chocolate bar divided into 10 equal parts.

If 3 people share the chocolate bar equally, which picture shows each person’s share?

(A)

(B)

(C)

(D)
10. A bridge has 12 sections of equal lengths. The total length of the bridge is 4 kilometers. What is the length of each section?

(A) \( \frac{1}{8} \) km

(B) \( \frac{1}{3} \) km

(C) 3 km

(D) 8 km

5.NF.6

11. A bird feeder had \( \frac{5}{6} \) pound of bird seed. Some blue jays ate \( \frac{3}{10} \) of that amount. How much bird seed did the blue jays eat?

(A) \( \frac{1}{20} \) pound

(B) \( \frac{1}{12} \) pound

(C) \( \frac{1}{4} \) pound

(D) \( \frac{1}{2} \) pound
12. A cement mixer held $\frac{63}{4}$ tons of cement. Ms. Farnley used $\frac{2}{3}$ of the cement for her driveway. How much cement did she use?

(A) $2\frac{1}{4}$ tons

(B) $4\frac{1}{2}$ tons

(C) $4\frac{3}{4}$ tons

(D) $10\frac{1}{8}$ tons