Level 1: Adding and Subtracting Fractions Pretest

Question 1:

This table shows the lengths of two snakes.

Snake	Length (in feet)
Rosy boa	$2\frac{1}{4}$
Sand boa	$1\frac{1}{2}$

How much longer, in feet, is the rosy boa than the sand boa?

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

b. $\frac{3}{4}$

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

d. $1\frac{3}{4}$

Question 2:

In an orchard, $\frac{5}{8}$ of the trees are apple trees, and $\frac{1}{3}$ of the trees are pear trees.

What fraction of the trees are either apple or pear?

a. $\frac{23}{48}$

b. $\frac{6}{11}$

c. $\frac{17}{24}$

d. $\frac{23}{24}$

Continue ➡

Question 3:

This table shows the amount of snow Rhode Island usually receives during two months.

Month	Snowfall (inches)
February	$9\frac{9}{10}$
March	$7\frac{3}{5}$

How many fewer inches of snow does Rhode Island usually receive in March than it receives in February?

a. $2\frac{1}{10}$

b. $2\frac{3}{10}$

c. $2\frac{3}{5}$

d. 3

Continue ➡

Question 4:

You may use this diagram to help you answer the question.

Sara will plant flowers in $\frac{1}{2}$ of her garden and herbs in $\frac{1}{5}$ of her garden.

How much of the whole garden will Sara use for flowers and herbs?

a. $\frac{2}{7}$

b. $\frac{3}{10}$

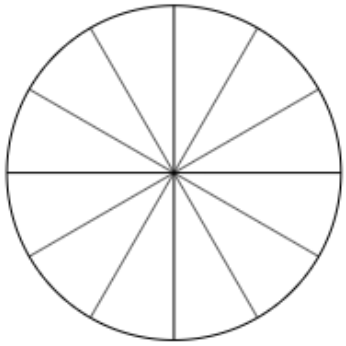
c. $\frac{2}{5}$

d. $\frac{7}{10}$

Continue ➡

Question 5:

You may use this circle to help you answer the question.



Nick ate $\frac{2}{3}$ of a pizza for lunch. Then he ate $\frac{1}{4}$ of the pizza for a snack after school.

How much of the whole pizza did Nick eat altogether?

a. $\frac{1}{12}$

b. $\frac{3}{7}$

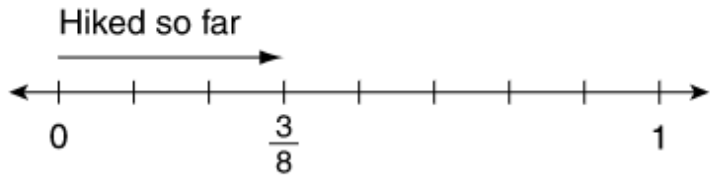
c. $\frac{11}{24}$

d. $\frac{11}{12}$

Continue ➡

Question 6:

Ted is hiking the entire length of the Piney Trail today. He has already hiked $\frac{3}{8}$ of the trail, as shown on this number line.



What fraction of the whole trail does Ted have left to hike?

a. $\frac{1}{8}$

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

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

d. $\frac{7}{8}$

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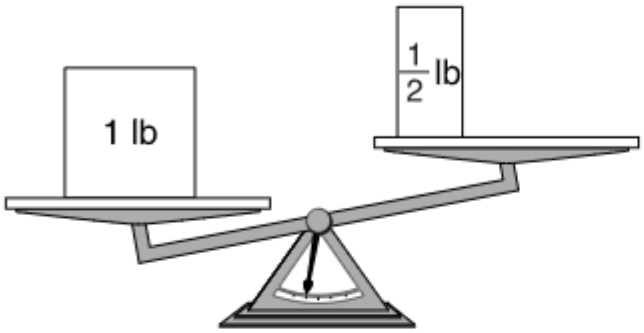
Question 7:

Caroline put a 1-pound block on the left side of a balance scale. Then she put a $\frac{1}{2}$-pound block on the right side, as shown in the picture below.



Caroline will add one more block to the right side.

Which of the following added weights will make the total weight on the right side closest to 1 pound?

a. $\frac{1}{4}$ pound

b. $\frac{3}{4}$ pound

c. $\frac{3}{8}$ pound

d. $\frac{7}{8}$ pound

Continue ➡

Question 8:

Norah lives $\frac{7}{9}$ mile from school. Evan lives $\frac{1}{2}$ mile from school. How much farther from school does Norah live than Evan does?

a. $\frac{5}{18}$ mile

b. $\frac{2}{3}$ mile

c. $\frac{8}{11}$ mile

d. $\frac{6}{7}$ mile

Question 9:

Mrs. Kensington bought $\frac{3}{4}$ pound of ham. She used $\frac{1}{3}$ pound of ham to make sandwiches. How much ham, in pounds, does she have left?

☐ pound

Question 10:

Tyler mixed $1\frac{1}{2}$ cups of flour with $\frac{3}{4}$ cup of sugar. What is the total amount of flour and sugar Tyler mixed?

a. $\frac{9}{8}$ cups

b. $\frac{9}{6}$ cups

c. $\frac{9}{4}$ cups

d. $\frac{9}{2}$ cups

Continue ➡

Question 11:

A kitten weighed $\frac{3}{8}$ pound when it was born. One month later, it weighed $1\frac{1}{2}$ pounds. How much weight did the kitten gain in the first month?

a. $1\frac{1}{8}$ pounds

b. $1\frac{3}{16}$ pounds

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

d. $1\frac{5}{8}$ pounds

Question 12:

Mrs. Jacobs asked her students to choose a favorite season.

- $\frac{1}{2}$ of the students chose summer.
- $\frac{1}{3}$ of the students chose winter.

What fraction of the class did not choose summer or winter?

a. $\frac{1}{6}$

b. $\frac{3}{5}$

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

d. $\frac{4}{5}$

Continue ➡

Question 13:

Each week, Sam saves $\frac{1}{5}$ of his allowance and spends $\frac{2}{3}$ of his allowance on snacks. Sam spends the rest of his allowance on games.

What fraction of his weekly allowance does Sam spend on games?

a. $\frac{2}{15}$

b. $\frac{4}{15}$

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

d. $\frac{4}{5}$

Question 14:

Abby is making a table to show how **all** the students at Jackson Elementary School travel to school.

How Students Travel to School

Method of Travel	Fraction of Students
Car	$\frac{3}{8}$
Walk	?
Bus	$\frac{1}{4}$
Other	$\frac{1}{16}$

What fraction of the students at Jackson Elementary School walk to school?

Continue ➡

Question 15:

In the school band, $\frac{2}{5}$ of the students play brass instruments and $\frac{1}{8}$ of the students play percussion instruments. The rest of the band plays woodwind instruments.

What fraction of the students in the band play woodwind instruments?

a. $\frac{21}{40}$

b. $\frac{19}{40}$

c. $\frac{10}{13}$

d. $\frac{19}{80}$

Stop