

Mr. Davis is creating a spice mixture for a recipe.

- $\frac{2}{5}$ of the spice mixture was oregano
- $\frac{1}{3}$ of the spice mixture was basil

The remaining spice mixture was chili powder. What fraction of the total amount of spice mixture was oregano and basil?

- A $\frac{4}{15}$
- B $\frac{3}{8}$
- C $\frac{5}{8}$
- D $\frac{11}{15}$

Which expression is equivalent to $4 + [4 \times (5 - 2)] \div 2$?

- A $4 + 12 \div 2$
- B $4 + 18 \div 2$
- C $8 \times 3 \div 2$
- D $8 \times 5 - 1$

What is the value of the expression below?

$$8 + 24 \div (2 \times 6) - 4$$

- A 92
- B 76
- C 11
- D 6

On Wednesday the farmers at the Boone Farm picked 3 barrels of tomatoes. Thursday, the farmers picked $\frac{1}{4}$ as many tomatoes as on Wednesday. How many barrels of tomatoes did the farmers pick on Thursday?

Every day, Ashley's burrito stand uses 3 bags of tortillas. For how many days will $\frac{1}{2}$ of a bag of tortillas last?

Kim's class voted on a location for a field trip.

- $\frac{3}{4}$ of the class voted for the museum
- $\frac{1}{8}$ of the class voted for the zoo

The rest of the class voted for the nature park.

What fraction of the class voted for the nature park?

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

To feed his plants, Logan creates a mixture that requires $\frac{3}{8}$ cup of plant food for every gallon of water. If he uses $10\frac{1}{2}$ gallons of water, what is the total amount of plant food he needs?

- A $3\frac{15}{16}$ cups
- B $6\frac{3}{10}$ cups
- C $10\frac{3}{16}$ cups
- D $10\frac{7}{8}$ cups

The sign below is located at the start of Pinecone Trail and shows the distances from the sign to different points of interest along the trail.

Pinecone Trail	
Nature Center	$1\frac{1}{2}$ miles
Giant Boulder	$4\frac{1}{4}$ miles
Lookout Point	$8\frac{3}{4}$ miles

Sage hiked from the start of the trail to Lookout Point. She then hiked back to Giant Boulder to camp for the night. What was the total distance, in miles, that Sage hiked?

- A $21\frac{3}{4}$
- B $13\frac{1}{4}$
- C $4\frac{1}{2}$
- D $4\frac{1}{4}$

Ed owns 4 acres of farmland. He grows beets on $\frac{1}{4}$ of the land. On how many acres of land does Ed grow beets?

In cooking class, the instructor divided $\frac{1}{3}$ of an ounce of salt evenly to make 2 servings of a dish. How much salt did she put in each serving?