

Lesson 5 Problem-Solving Practice

Compare and Order Fractions, Decimals, and Percents

1. SHOES

Toya is looking in her closet. Use the table to determine whether she has more black shoes or more brown shoes. Explain.

Shoe Color	Fraction of Shoes
Black	$\frac{1}{3}$
Brown	$\frac{2}{5}$
Gray	$\frac{4}{15}$

2. BUDGET

Daniel spends $\frac{3}{7}$ of his money on rent and $\frac{4}{9}$ of his money on food. Does he spend more money on food or rent? Explain.

3. WOODWORKING

Gabrielle drilled a hole that is $\frac{5}{9}$ inch wide. She has a screw that is $\frac{5}{6}$ inch wide. Is the hole wide enough to fit the screw? Explain.

4. FOOD

In a recent survey, 0.4 of the people surveyed said their favorite food was pizza, 25% said it was hot dogs, and $\frac{3}{10}$ said it was popcorn. Which food was favored by the greatest number of people? Explain.

5. OFFICE SUPPLIES

A blue paper clip is $\frac{1}{6}$ inch wide. A silver paper clip is $\frac{3}{8}$ inch wide, and a red paper clip is $\frac{1}{3}$ inch wide. What color paper clip has the smallest width? Explain.

6. GUMBALLS

A red gumball is $2\frac{5}{8}$ inches across. A green gumball is $2\frac{5}{6}$ inches across, and a blue gumball is $2\frac{7}{9}$ inches across. List the gumballs in order from smallest to largest.

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