

Fractions Questions

1. Jimmy and his friend Pete enter a team lawn care competition. Jimmy spreads fertilizer over $\frac{5}{8}$ of the lawn. Pete adds seed to $\frac{4}{7}$ of the fertilized area. How much of the lawn received both fertilizer and seed?

2. Ronald and Samantha order a pizza. Ronald scoffs back $\frac{2}{3}$ of the pizza. Samantha eats $\frac{1}{2}$ of what was left. How much of the pizza did Samantha eat? Use a diagram to help explain your answer.

3. Stan's music class has 28 students, $\frac{5}{7}$ of which play a wind instrument. Female students make up $\frac{3}{4}$ of the wind section. How many classmates are female, wind instrument players?

4. Juanita receives 400 dollars as a prize in a contest. She spends $\frac{3}{5}$ of her prize on a new phone. She spends $\frac{1}{4}$ of her prize on a protective case. Will she have enough left over to purchase a new sweater that costs \$85? If not, how much more will she need?

5. Steve spends three fourths of four fifths of nine tenths of his 1000 dollar bursary on a new book. How much did the book cost?
