

Multiply With Mixed Numbers

Show Your Work

1. Phil mows $6\frac{1}{2}$ acres of lawn each day. If he mows $\frac{2}{5}$ of the lawn before lunch, how many acres does he have to mow after lunch?

2. Terrance must decide which job offer to accept. One job pays \$25 per hour for $37\frac{1}{2}$ hours each week and the other pays \$825 per week regardless of how many hours he works. Which job should Terrance take?

3. Debbie is painting a fence that is $8\frac{1}{4}$ times as wide as she is tall. If Debbie is $5\frac{1}{2}$ feet tall, how many feet wide is the fence?

4. Scott is a disc jockey at the local radio station. The current number one song is played 12 times each day. If the song is $4\frac{1}{5}$ minutes long, how many minutes a day is the song aired?

5. Can the product of two mixed numbers ever be a whole number? If so, give an example.
