1. The height of a car is \(46\frac{1}{4}\) inches. The toy model of that car is \(2\frac{1}{2}\) inches tall. How many times greater is the height of the car than the height of its model? Express this quotient as a mixed number.

2. Kelsey filled 12 bags with either a red marble, yellow marble, or blue marble. One sixth of the bags included a red marble. Identify each scenario that could describe the remaining gift bags.

<table>
<thead>
<tr>
<th>Scenario</th>
</tr>
</thead>
<tbody>
<tr>
<td>(\frac{2}{3}) of the total bags contain yellow marbles and 2 contain blue marbles.</td>
</tr>
<tr>
<td>(\frac{5}{12}) of the total bags contain yellow marbles and (\frac{1}{3}) contain blue marbles.</td>
</tr>
<tr>
<td>(\frac{1}{3}) of the total bags contain yellow marbles and (\frac{1}{2}) contain blue marbles.</td>
</tr>
<tr>
<td>(\frac{1}{2}) of the total bags contain yellow marbles and 6 contain blue marbles.</td>
</tr>
</tbody>
</table>

3. Dean bought \(4\frac{1}{2}\) gallons of gasoline to use in his lawnmower. If he uses \(\frac{3}{4}\) gallon each time that he mows the yard, how many times can he mow the yard before he runs out of gasoline.

   A. \(3\frac{3}{4}\)
   
   B. \(4\frac{3}{8}\)
   
   C. 5
   
   D. 6
4. Each of Mrs. Malone’s 16 students ate \( \frac{3}{8} \) of a pizza. How many pizzas did they eat, altogether?

   A. 6
   B. 8
   C. 10
   D. 12

5. On Monday Mr. Conner rode his bike for \( \frac{2}{3} \) of an hour. On Tuesday he rode \( \frac{5}{6} \) of an hour.
   On Wednesday he rode \( \frac{7}{12} \) of an hour. His goal had been to ride for three hours altogether. How much time was he short of his goal?

   A. \( \frac{5}{6} \) hour
   B. \( \frac{11}{12} \) hour
   C. \( \frac{25}{12} \) hour
   D. \( 2 \frac{1}{12} \) hour