Subtract With Unlike Denominators

Show Your Work

1. In Ms. Harmon's class, $\frac{1}{2}$ of the boys like watching cartoons and $\frac{1}{3}$ of the girls like watching cartoons. How much greater is the fractional part of the boys than the fractional part of the girls who like watching cartoons?

_____

2. In a survey of bedtimes, $\frac{3}{5}$ of the students said their bedtime is between 9 P.M. and 9:59 P.M. and $\frac{1}{4}$ said their bedtime is between 10 P.M. and 10:59 P.M. How much greater is the fractional part of the students who go to sleep at the earlier time?

_____

3. Monica computed $\frac{5}{16} - \frac{1}{4}$ and found $\frac{4}{12}$, or $\frac{1}{3}$. Explain what Monica's mistake was. Then tell the correct answer.

_____

_____

_____

3. Ms. Harmon's science lesson lasts $\frac{3}{4}$ of an hour. So far $\frac{5}{12}$ of an hour has elapsed. What fraction of an hour remains of Ms. Harmon's science lesson? Write your answer in simplest form. Then explain your answer.

_____

_____

_____

Use with text pages 268–269.