Equivalent Fractions and Simplest Form

Solve problems 1–6.

1. Harold has been given this list of equivalent fractions: $\frac{6}{14}, \frac{12}{28}, \frac{3}{7}$. He is supposed to choose the fraction that is in simplest form. Which one should Harold choose?

2. Mary Lou said that $\frac{16}{20}$ in simplest form is $\frac{8}{10}$. What was her mistake? What is the correct answer?

3. The fifth and sixth grades at Oak Street School are having a science fair. There are 50 students total and $\frac{3}{5}$ of the students are fifth grade students. How many fifth grade students are entered in the science fair?

4. A nurse works 2 out of every 3 days. Write fractions to tell how many days she works out of the following total days: 6, 9, 12, 15

5. $\frac{7}{8}$ of the animals at a shelter are cats. If there are 400 animals at the shelter, how many are cats?

6. Trish walks 15 blocks to school. If she walks $\frac{2}{10}$ of the way by herself, how many blocks does she walk by herself? How many blocks does she walk with a friend.