Equivalence and like denominators

Name: _____ Date: _____ Score: _____ / 8

Fill in the blanks so the fractions are equivalent.

Example $\frac{5}{12} = \frac{15}{\square} = 36$

1. $\frac{7}{11} = \frac{\square}{33}$

2. $\frac{5}{10} \bigcirc ? \frac{1}{2}$

3. $\frac{1}{3} = \frac{5}{\square}$

Work out each answer and write it as a simplified fraction.

Example $\frac{3}{2} - \frac{1}{2} = \frac{2}{2} = 1$

4. $\frac{12}{7} - \frac{10}{7} = \frac{\square}{\square}$

5. $\frac{2}{3} + \frac{1}{3} = \frac{\square}{\square}$

6. $\frac{9}{5} - \frac{6}{5} = \frac{\square}{\square}$

Equivalence and like denominators

Read each problem, solve it and write the answer.

Example A car sets off with 7/9 of the gas tank. During the trip it uses 1/3 of the gas tank. What fraction of the gas tank is left? **4/9 of the gas tank is left.**

7 5/8 of the lawn still needs mowing. Lucas mows 1/2 of the lawn this afternoon. What fraction of the lawn still needs mowing?

Answer: _____

8 A car sets off with 1/2 of the gas tank. During the trip it uses 3/10 of the gas tank. What fraction of the gas tank is left?

Answer: _____