Equivalence and like denominators

Name: _____ Date: _____ Score: _____ / 10

Fill in the blanks so the fractions are equivalent.

Example $\frac{3}{4} = \frac{\square}{20} = \mathbf{15}$

1. $\frac{7}{8} = \frac{\square}{16}$
2. $\frac{1}{2} = \frac{\square}{8}$
3. $\frac{1}{2} = \frac{2}{\square}$
4. $\frac{2}{3} = \frac{10}{\square}$

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

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

5. $\frac{3}{5} - \frac{1}{5} = \frac{\square}{\square}$
6. $\frac{4}{5} + \frac{3}{5} = \frac{\square}{\square}$
7. $\frac{3}{8} - \frac{1}{8} = \frac{\square}{\square}$
8. $\frac{2}{3} + \frac{1}{3} = \frac{\square}{\square}$

Equivalence and like denominators

Read each problem, solve it and write the answer.

Example There is 3/5 of the cake on the table. Lucas eats 1/5 of the cake. What fraction of the cake is left? **2/5 of the cake is left.**

9 Grace cuts a pie into equal parts. In the morning Grace eats 2/5 of the pie, and in the afternoon Grace eats 1/5 of the pie. What fraction of the pie does Grace eat in total?

Answer: _____

10 Olivia has 4/5 of the energy bar. Olivia eats 2/5 of the energy bar at half-time. What fraction of the energy bar does Olivia have left?

Answer: _____