Equivalence and like denominators

Name: _____ Date: _____ Score: _____ / 10

Fill in the blanks so the fractions are equivalent.

Example $\frac{7}{8} = \frac{28}{\square} = \mathbf{32}$

1. $\frac{1}{4} = \frac{2}{\square}$

2. $\frac{6}{20} \bigcirc ? \frac{3}{10}$

3. $\frac{6}{7} = \frac{\square}{21}$

4. $\frac{4}{5} \bigcirc ? \frac{17}{20}$

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

Example $\frac{3}{8} + \frac{5}{8} = \frac{8}{8} = \mathbf{1}$

5. $\frac{3}{5} + \frac{7}{5} = \frac{\square}{\square}$

6. $\frac{4}{3} - \frac{1}{3} = \frac{\square}{\square}$

7. $\frac{7}{5} - \frac{6}{5} = \frac{\square}{\square}$

8. $\frac{1}{5} + \frac{4}{5} = \frac{\square}{\square}$

Equivalence and like denominators

Read each problem, solve it and write the answer.

Example Mia has 1/2 of the energy bar. Mia eats 3/10 of the energy bar at half-time. What fraction of the energy bar does Mia have left? **Mia has 1/5 of the energy bar left.**

9 Grace had 2/5 of the ribbon. Grace used 1/10 of the ribbon for a gift. What fraction of the ribbon does Grace have left?

Answer: _____

10 Olivia has 4/9 of the energy bar. Olivia eats 1/3 of the energy bar at half-time. What fraction of the energy bar does Olivia have left?

Answer: _____