



Application_CW_G8_Multiplication and Division of Rational Numbers

1. The product of two rational numbers is 15. If one of the numbers is -10, find the other.
2. The product of two rational numbers is -9. If one of the numbers is -12, find the other.
3. The product of two rational numbers is $-\frac{16}{9}$. If one of the numbers is $-\frac{4}{3}$, find the other.
4. By what rational number should we multiply $-\frac{15}{56}$ to get $-\frac{5}{7}$?

5. By what rational number should $-\frac{8}{39}$ be multiplied to obtain $\frac{1}{26}$?

6. By what number should $-\frac{33}{8}$ be divided to get $-\frac{11}{2}$?

7. The product of two rational numbers is $-\frac{8}{9}$. If one of the numbers is $-\frac{4}{15}$, find the other.

8. By what number should we multiply $-\frac{1}{6}$, so that the product may be $-\frac{23}{9}$?

9. By what number should $-\frac{33}{16}$ be divided to get $-\frac{11}{4}$?