



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 $-16/9$. If one of the numbers is $-4/3$, find the other.
4. By what rational number should we multiply $-15/56$ to get $-5/7$?

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 $-\frac{11}{4}$?