Date

Name

Class

Date

Name

Class

**Practice**

Multiplying and Dividing Rational Expressions



**Multiply.**

**1.**  **2.** 

**3.**  **4**. 

**5.**  **6.** 

**7.**  **8.** 

**9.**  **10.** 

**11.** Which of the following is the reciprocal of 

**A.** (*x* + 2)(*x* − 4) **B.**  **C.** 

**Find the reciprocal of each expression.**

**12.**  **13.** 

Name

Class

Date

**Practice** (continued)

Multiplying and Dividing Rational Expressions



**Divide.**

**14.**  **15.** 

**16.**  **17**. 

**18.** 

**Simplify each complex fraction.**

**19.**  **20.**  **21**. 

**22.** A rectangular prism has a base area of  and a height of . What is the volume of the prism?

**23.** Your friend runs for  seconds at a rate of  meters per second. How far does your friend run?

**24. Writing** How do you simplify a complex fraction?