

Name: \_\_\_\_\_

**Find the product. Simplify if possible.**

13.  $8 \times \frac{5}{8}$

14.  $\frac{1}{3} \times 2\frac{1}{9}$

15.  $9\frac{3}{7} \times 2\frac{1}{5}$

16. Jose found a board to make a shelf. It was  $4\frac{2}{9}$  feet long. He needed  $\frac{8}{9}$  of it for the shelf. How long was the piece Jose needed for the shelf?

a.  $4\frac{16}{81}$  ft

b.  $3\frac{1}{3}$  ft

c.  $3\frac{5}{9}$  ft

d.  $3\frac{61}{81}$  ft

17. Grant had  $3\frac{3}{5}$  liters of oil and used  $\frac{6}{7}$  of it. How much oil did Grant use?

a.  $7\frac{16}{35}$  liters

b.  $3\frac{3}{35}$  liters

c.  $1\frac{26}{35}$  liters

d.  $2\frac{26}{35}$  liters

18. What is the reciprocal of  $\frac{10}{13}$ ?

19. What is the reciprocal of  $4\frac{1}{2}$ ?

**Find the quotient.**

20.  $10 \div \frac{2}{5}$

21.  $7 \div 6\frac{1}{4}$

22.  $16\frac{1}{3} \div 4\frac{1}{12}$

a. 4

b.  $\frac{1}{4}$

c.  $2\frac{2}{15}$

d.  $1\frac{2}{15}$

23.  $4\frac{5}{8} \div \frac{5}{8}$

24.  $\frac{1}{6} \div 3\frac{2}{3}$

25. Kate owns  $\frac{8}{9}$  of the mineral rights on a piece of property. She wants to divide these rights equally among 2 children. What fractional part of the mineral rights will each child get?

a.  $\frac{18}{8}$  of the mineral rights

b.  $\frac{16}{9}$  of the mineral rights

c.  $\frac{16}{18}$  of the mineral rights

d.  $\frac{4}{9}$  of the mineral rights

**Evaluate the expression.**

26.  $\left(4\frac{1}{3} - 2\frac{1}{4}\right) \div 5\frac{5}{8}$