

Name _____ Class _____ Date _____

Practice
1-1

Equivalent Ratios

- In a bouquet of flowers, there are 7 daisies and 17 roses. Write the ratio of daisies to roses in three different ways.
- A jug of juice has 6 cups of pineapple juice and 5 cups of orange juice. Write the ratio of number of cups of pineapple juice to total number of cups of juice in three different ways.
- Which ratio is equivalent to $\frac{4}{7}$ with greater terms?

A. $\frac{7}{10}$

C. $\frac{12}{21}$

B. $\frac{21}{12}$

D. $\frac{7}{4}$

- The attendant at a parking lot compared the number of hybrid vehicles to the total number of vehicles in the lot over a weekend. The ratios for the three days were equivalent. Complete the table.

Day	Hybrids	Total
Fri.	5	8
Sat.	_____	56
Sun.	45	_____

- Write the ratio 6 ft to 4 yd as a fraction in simplest form.
- You spend 15 minutes watching television. You then spend 1 hour reading e-mail. Write the ratio of the amount of time spent watching television to the amount of time spent reading email as a fraction in simplest form.
- Multiple Representations** One day, the local hardware store sold 22 buckets of basic house paint and 12 buckets of ultimate house paint. A bucket of basic house paint uses 3 cans of white paint and 7 cans of color paint.
 - For a bucket of basic house paint, write the ratio of cans of color paint to cans of white paint in three different ways.
 - Draw a picture to represent the correct ratio in a fourth way.
- Personal Communication Fees** An Internet, telephone, and cable TV package plan costs \$80 each month. The Internet part of the bill is \$23. The telephone part of the bill is \$16. Write the ratio of the Internet bill to the cable TV bill in three different ways.

