

6 flowers

1 vase

rates are,

the rates are

equivalent.

## Got It? Do these problems to find out.

- c. Marcia made 10 bracelets for 5 friends. Jen made 12 bracelets for 4 friends. Are these rates equivalent? Explain your reasoning.
- d. Club A raised \$168 by washing 42 cars. Club B raised \$152 by washing 38 cars. Are these fundraising rates equivalent?
  Explain your reasoning.

10b = 2 bracelets Not 5f per friend equivalent  $\frac{12b}{4f} = 3$  bracelets

38 per cur The fundraising rates are equivalent because their unit rates are the same!

> Equivalent ratios ? WIII have the same

simplest for n

 $Club A = \frac{$168}{42} = $24$ 

Club B = \$152 = \$4

## Method 2: Use Equivalent Fractions and/or Simplest Form

If a unit rate is not easily found, use equivalent fractions to decide whether the ratios or rates are equivalent.



C

Examples

Determine if the pair of ratios or rates is equivalent. Explain your reasoning.

4. 3 free throws made out of 7 attempts; 9 free throws made out of 14 attempts



 Selena is comparing the cost of two packages of DVDs. A package of 6 DVDs costs \$90 and a package of 3 DVDs costs \$45. Are the rates equivalent? Explain your reasoning.

Tutor

Not equivalent because their Simplest forms are not the same!

Got It? Do this problem to find out.

- e. Mrs. Jeffries has 12 girls out of 16 students on the Student Council. The Earth Day Committee has 4 girls out of
- 8 students. Are the ratios equivalent? Explain your reasoning.



They are equivalent because they have the same

g.