

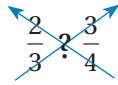
# REVIEW: Comparing and Ordering Fractions

Name \_\_\_\_\_

## Key Concept and Vocabulary

$2 \cdot 4 = 8$

$3 \cdot 3 = 9$



Find products.

Comparing Fractions



$\frac{2}{3} < \frac{3}{4}$  because  $8 < 9$ .

## Visual Model

$\frac{2}{3}$



$\frac{2}{3} < \frac{3}{4}$

$\frac{3}{4}$



## Skill Examples

- $\frac{1}{2} > \frac{5}{11}$  because  $1 \cdot 11 > 2 \cdot 5$ .
- $\frac{3}{6} = \frac{1}{2}$  because  $3 \cdot 2 = 6 \cdot 1$ .
- $\frac{3}{8} < \frac{2}{5}$  because  $3 \cdot 5 < 8 \cdot 2$ .
- $\frac{4}{9} > \frac{3}{7}$  because  $4 \cdot 7 > 9 \cdot 3$ .

## Application Example

- You run seven-eighths mile. Your friend runs eight-tenths mile. Who runs farther?

$\frac{7}{8} > \frac{8}{10}$  because  $7 \cdot 10 > 8 \cdot 8$ .

••• You run farther.



## PRACTICE MAKES PURR-FECT™

Check your answers at [BigIdeasMath.com](http://BigIdeasMath.com).

Compare the fractions using  $<$ ,  $>$ , or  $=$ .

$6. \frac{4}{5} \boxed{>} \frac{8}{11}$

$7. \frac{6}{7} \boxed{>} \frac{5}{6}$

$8. \frac{6}{7} \boxed{<} \frac{7}{8}$

$9. \frac{3}{11} \boxed{=} \frac{6}{22}$

$10. \frac{9}{2} \boxed{<} \frac{14}{3}$

$11. \frac{3}{9} \boxed{=} \frac{1}{3}$

$12. \frac{4}{9} \boxed{<} \frac{9}{20}$

$13. \frac{7}{12} \boxed{>} \frac{4}{7}$

$14. \frac{2}{9} \boxed{=} \frac{4}{18}$

$15. \frac{3}{8} \boxed{>} \frac{4}{11}$

$16. \frac{7}{5} \boxed{<} \frac{13}{9}$

$17. \frac{6}{5} \boxed{>} \frac{11}{10}$

Compare the fractions models using  $<$ ,  $>$ , or  $=$ .



- MILK** You drink six-eighths of a quart of milk. Your friend pours a quart of milk into four 8-fluid ounce glasses and drinks three of them. Who drinks more? \_\_\_\_\_

You and your friend drink the same amount.

- ORDERING FRACTIONS** Order the fractions from least to greatest and graph them on a number line:  $\frac{3}{8}$ ,  $\frac{1}{4}$ ,  $\frac{1}{3}$ , and  $\frac{2}{5}$ .

