

SIMPLIFYING 12/16 ON THE STRIPS

- ① Look at 12/16. Find the biggest number that divides both 12 and 16: that is **4**.
- ② Divide top and bottom by 4: $12 \div 4 = 3$ and $16 \div 4 = 4$.
- ③ So $12/16 \div 4/4 = 3/4$. Underline 3/4 as the simplest form.

WARM-UP

Shade the matching lengths on the fraction strips.



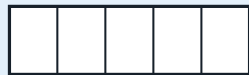
shade 8/12



simplest form: ____ / 3



shade 6/10



simplest form: ____ / 5

1. Shade 4/8 on the eighths strip and mark its simplest match
2. Shade 6/9 on the ninths strip and mark its simplest match
3. Shade 24/36 on the thirty-sixths strip and mark its simplest match

PRACTICE

- ① A shop sells a cake cut into **8** equal slices and **4** are left. What is the simplest way to write the fraction of cake left? _____
- ② Mum buys a bag of **9** apples and uses **6** for a pie. Write the fraction used in its simplest form. _____
- ③ At the market stall **25** out of **35** loaves of bread are brown. Simplify the fraction of brown loaves. _____
- ④ A fruit box holds **15** oranges and **10** are sold. What is the simplest fraction sold? _____

? ALWAYS, SOMETIMES, NEVER

Always, sometimes or never true? Write A, S or N.

- a. $5/15$ simplifies to $1/3$ ☐
- b. $3/12$ and $1/4$ name the same amount ☐
- c. A fraction with an even numerator and even denominator is already in simplest form ☐
- d. $12/16$ simplifies to $6/8$ ☐