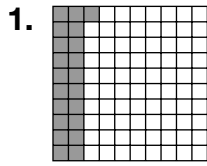
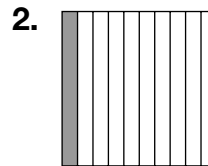


# Connecting Fractions and Decimals

Write a decimal and a fraction in simplest form for each shaded portion.



\_\_\_\_\_



\_\_\_\_\_

Write each decimal as a fraction or a mixed number in simplest form.

3. 0.15 \_\_\_\_\_

4. 2.67 \_\_\_\_\_

5. 5.705 \_\_\_\_\_

Write each fraction or mixed number as a decimal.

6.  $\frac{56}{60}$  \_\_\_\_\_

7.  $2\frac{7}{8}$  \_\_\_\_\_

8.  $\frac{90}{200}$  \_\_\_\_\_

9. **Number Sense** How could you show  $\frac{46}{200}$  using only one hundredths grid? What decimal does the model show?

\_\_\_\_\_  
\_\_\_\_\_

10. A gram is a metric measurement of weight equal to 0.04 oz. What is this decimal expressed as a fraction? \_\_\_\_\_

11. One inch equals 2.54 cm. Express the number of centimeters in an inch as a mixed number. \_\_\_\_\_

## Test Prep

12. What is a mixed number equivalent to 3.750?

A.  $3\frac{76}{100}$

B.  $3\frac{6}{8}$

C.  $3\frac{2}{3}$

D.  $3\frac{1}{4}$

13. **Writing in Math** Name one situation in which you would use fractions to express a number less than one. What is one situation in which decimals seem to work better?

\_\_\_\_\_  
\_\_\_\_\_