Decimal Forms of Fractions and Mixed Numbers

Write each fraction or mixed number as a decimal.

1. $\frac{33}{100}$ _____

2. $\frac{2}{5}$ _____

3. $\frac{1}{6}$ _____

4. $1\frac{3}{16}$ _____

5. $4\frac{7}{9}$ _____

6. $6\frac{5}{11}$ _____

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

7. 0.08 _____

8. 0.24 _____

9. 0.325 _____

10. 4.75 _____

11. 1.06 _____

12. 5.15 _____

13. The label on a cosmetic bottle says 0.04 oz. What is the fraction equivalent for this amount? _____

14. The scale at a deli counter shows 2.54 lb. What is the mixed number equivalent for the number shown? _____

15. Reasoning What is a situation in which you would use fractions to express a number less than one? What is a situation in which decimals seem to work better?

_____

_____

16. Which decimal is equivalent to $4\frac{4}{5}$?

  A 4.4

  B 4.45

  C $4.\overline{5}$

  D 4.8

17. Writing to Explain How do you know where to place the bar when a decimal is a repeating decimal?

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