Write the mixed number as an improper fraction.

1. $5\frac{3}{4}$ **2.** $6\frac{2}{9}$ **3.** $7\frac{9}{10}$

Find the product. Write the answer in simplest form.

4. $\frac{2}{3} \times \frac{1}{5}$ **5.** $\frac{3}{4} \times \frac{4}{7}$ **6.** $\frac{5}{9} \times \frac{3}{10}$

Write the reciprocal of the number.

7. $\frac{6}{11}$ **8.** $\frac{7}{9}$ **9.** $1\frac{5}{8}$

10. Which expression is the related multiplication expression for $\frac{7}{8} \div \frac{4}{5}$?

A. $\frac{7}{8} \times \frac{4}{5}$ **B.** $\frac{7}{8} \times \frac{5}{4}$ **C.** $\frac{8}{7} \times \frac{4}{5}$ **D.** $\frac{8}{7} \times \frac{5}{4}$

Find the quotient. Write the answer in simplest form.

11. $\frac{1}{5} \div \frac{2}{3}$ **12.** $\frac{3}{4} \div \frac{1}{2}$ **13.** $\frac{5}{8} \div \frac{1}{6}$

14. Describe and correct the error in finding the quotient $\frac{9}{14} \div \frac{2}{3}$.

$$\frac{9}{14} \div \frac{2}{3} = \frac{14}{9} \times \frac{2}{3} = \frac{28}{27} = 1\frac{1}{27}$$

15. You are cutting fabric for placemats that are to be $14\frac{1}{2}$ inches wide. If you have a piece of fabric that is 116 inches long, how many placemats can you cut from the fabric?

16. The largest sea cucumber on record measured about 8 inches long. The smallest sea cucumber on record measured about $\frac{2}{5}$ inch long. How many times longer is the largest sea cucumber than the smallest sea cucumber?