Name _____

Estimate Quotients

Estimate using compatible numbers.

1. $12\frac{3}{16} \div 3\frac{9}{10}$

   $\quad\downarrow\qquad\downarrow$

   $12 \div 4 = 3$

2. $15\frac{3}{8} \div \frac{1}{2}$

3. $22\frac{1}{5} \div 1\frac{5}{6}$

4. $7\frac{7}{9} \div \frac{4}{7}$

5. $18\frac{1}{4} \div 2\frac{4}{5}$

6. $62\frac{7}{10} \div 8\frac{8}{9}$

7. $\frac{11}{12} \div \frac{1}{5}$

8. $24\frac{3}{4} \div \frac{1}{2}$

9. $\frac{15}{16} \div \frac{1}{7}$

10. $14\frac{7}{8} \div \frac{5}{11}$

11. $53\frac{7}{12} \div 8\frac{11}{12}$

12. $1\frac{1}{6} \div \frac{1}{9}$

Problem Solving REAL WORLD

13. Estimate the number of pieces Sharon will have if she divides $15\frac{1}{3}$ yards of fabric into $4\frac{4}{5}$-yard lengths.

14. Estimate the number of $\frac{1}{2}$-quart containers Ethan can fill from a container with $8\frac{7}{8}$ quarts of water.