

Lesson 8 Homework Practice

Divide Mixed Numbers

Divide. Write in simplest form.

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

2. $10 \div 1\frac{1}{4}$

3. $4\frac{3}{4} \div \frac{7}{8}$

4. $1\frac{15}{16} \div \frac{7}{8}$

5. $7\frac{1}{2} \div 1\frac{1}{4}$

6. $3\frac{3}{8} \div 2\frac{1}{4}$

7. $2\frac{1}{10} \div 1\frac{1}{5}$

8. $4\frac{1}{2} \div 2\frac{7}{10}$

9. **HURRICANES** Suppose a hurricane traveled 130 miles from a point in the Atlantic Ocean to the Florida coastline in $6\frac{1}{2}$ hours. How many miles per hour did the hurricane travel?

10. **PIPES** How many $\frac{3}{4}$ -foot lengths of pipe can be cut from a $6\frac{1}{3}$ -foot pipe?

11. **TRUCKING** A truck driver drove 300 miles in $6\frac{3}{4}$ hours. How many miles per hour did the driver drive?

12. **BAKING** A bag contains $22\frac{1}{2}$ cups of flour. A recipe for pancakes uses $1\frac{1}{4}$ cups of flour. How many batches of pancakes can be made with one bag of flour?