

# 2.2 Puzzle Time

## Why Was The Gentleman Who Was Selling Watches Unhappy?

Write the letter of each answer in the box containing the exercise number.

Write the reciprocal of the number.

1. 5                      2. 12                      3.  $\frac{2}{3}$   
 4.  $\frac{4}{9}$                       5.  $\frac{7}{6}$                       6.  $\frac{1}{8}$

Divide. Write the answer in simplest form.

7.  $\frac{1}{16} \div \frac{1}{8}$               8.  $\frac{6}{7} \div \frac{3}{5}$               9.  $14 \div \frac{2}{7}$   
 10.  $\frac{5}{8} \div 10$             11.  $\frac{14}{15} \div 7$             12.  $\frac{5}{24} \div \frac{5}{6}$   
 13.  $\frac{9}{20} \div \frac{3}{4}$             14.  $\frac{1}{4} \div \frac{1}{36}$             15.  $\frac{7}{8} \div 28$   
 16.  $3 \div \frac{2}{3}$               17.  $\frac{3}{14} \div \frac{9}{11}$             18.  $18 \div \frac{9}{13}$   
 19.  $\frac{1}{9} \div 9 \div 9$         20.  $3 \div \frac{9}{11} + \frac{1}{3}$         21.  $\frac{1}{2} + \frac{7}{8} \div \frac{11}{24}$   
 22.  $\frac{5}{12} \times \frac{2}{3} \div \frac{2}{9}$     23.  $\frac{8}{21} \div \frac{2}{3} \times \frac{4}{9}$     24.  $\frac{9}{16} \div 18 \div 8$   
 25. There are 3 pieces of pizza left. How many  $\frac{1}{4}$  pieces of pizza can be sliced from the 3 pieces of pizza?

**Answers for 1–6.**

A.  $\frac{6}{7}$               M.  $\frac{9}{4}$               H.  $\frac{1}{5}$   
 O. 8              N.  $\frac{3}{2}$               S.  $\frac{1}{12}$

**Answers for 7–25.**

A.  $\frac{11}{42}$               N.  $4\frac{1}{2}$               I. 49  
 O.  $\frac{2}{15}$               H.  $\frac{1}{2}$               L. 26  
 S. 9              I.  $\frac{3}{5}$               D.  $\frac{1}{16}$   
 F.  $1\frac{3}{7}$               T.  $\frac{1}{32}$               H.  $\frac{1}{4}$   
 O. 12              H.  $2\frac{9}{22}$               E.  $\frac{1}{256}$   
 A.  $1\frac{1}{4}$               E.  $\frac{1}{729}$               T. 4  
 D.  $\frac{16}{63}$

12	24		1	22	10		17		18	25	15		11	8		20	9	4	19	
6	16		21	13	2		7	5	3	23	14									