TOPIC 56 · DECIMALS, PERCENTS & FRACTIONS

Fractional Parts - Multiple Fractions and Percents

Name _____

Date _____

●●● Hard 10 questions about 12 minutes

Score _____ / 10

Directions: Choose the best answer and circle its letter. You may write in this booklet. No calculator. For **Column A / Column B** questions, decide which quantity is greater; choose D only when it depends on a value you are not given.

1 Of 60 students, $\frac{1}{3}$ play soccer. 50% of the other students play tennis. How many students play neither sport?

(A) 10 (B) 18 (C) 20 (D) 22

2 In a 120-page book, Elena read $\frac{1}{6}$ of the pages on Monday and $\frac{1}{3}$ of the pages on Tuesday. What percent of the book is still unread?

(A) 35% (B) 40% (C) 45% (D) 50%

3 What is $\frac{1}{3}$ of 40% of 360?

(A) 48 (B) 120 (C) 144 (D) 264

4 The number is positive. Compare the quantity in Column A with the quantity in Column B.

COLUMN A	COLUMN B
$\frac{3}{4}$ of 20% of a number	20% of $\frac{3}{4}$ of the same number

(A) Column A is greater. (B) Column B is greater. (C) The two quantities are equal. (D) It cannot be determined.

5 A farmer has 400 acres. $\frac{1}{4}$ is planted with corn and 30% with wheat. How many acres are planted with corn or wheat?

(A) 100 (B) 220 (C) 242 (D) 264

6 Of 100 students, $\frac{1}{5}$ play soccer. 25% of the other students play tennis. How many students play neither sport?

(A) 20 (B) 54 (C) 55 (D) 60

7 In a 120-page book, Zoe read $\frac{1}{3}$ of the pages on Monday and $\frac{1}{4}$ of the pages on Tuesday. What percent of the book is still unread?

(A) $41\frac{2}{3}$% (B) $42\frac{1}{6}$% (C) 50% (D) $58\frac{1}{3}$%

8 What is $\frac{2}{3}$ of 25% of 360?

(A) 54 (B) 60 (C) 90 (D) 240

Preview - the full worksheet and its answer key are at primeworksheet.com