

Word Problems with Fractions 1

MULTIPLE CHOICE. Choose the one alternative that best completes the statement or answers the question.

Solve the problem.

- 1) A baseball team has played 8 games so far this season. The team won 6 games. What fraction of its games has the team won? Simplify. 1) _____
A) $\frac{7}{3}$ B) $\frac{3}{4}$ C) $\frac{4}{3}$ D) $\frac{3}{7}$

- 2) In a microbiology class of 31 students, 10 students are graduate students. What fraction of the students are not graduate students? 2) _____
A) $\frac{21}{31}$ B) $\frac{31}{10}$ C) $\frac{10}{31}$ D) $\frac{31}{21}$

- 3) In a microbiology class of 41 students, 8 students are graduate students. What fraction of the students are not graduate students? 3) _____
A) $\frac{41}{33}$ B) $\frac{33}{41}$ C) $\frac{8}{41}$ D) $\frac{41}{8}$

- 4) In a science class containing 59 students, there are 11 freshmen, 14 sophomores, 2 juniors, and the rest are seniors. What fraction of the class is seniors? 4) _____
A) $\frac{32}{59}$ B) $\frac{1}{4}$ C) $\frac{32}{84}$ D) $\frac{59}{32}$

- 5) Your friend's degree requires 55 credits. She has already completed four 3-credit courses and six 5-credit courses. What fraction of the required credits remain before she can graduate? 5) _____
A) $\frac{43}{55}$ B) $\frac{13}{55}$ C) $\frac{12}{30}$ D) $\frac{42}{55}$

- 6) A warehouse stores 1750 different inventory items, of which $\frac{2}{25}$ are perishable. How many of the inventory items are perishable? 6) _____
A) 144 items B) 875 items C) 138 items D) 140 items

- 7) A restaurant has a capacity of 200 patrons. If the restaurant is $\frac{3}{20}$ full, how many patrons are at the restaurant? 7) _____
A) 33 patrons B) 27 patrons C) 30 patrons D) 10 patrons

- 8) A certain scholarship will pay for $\frac{3}{8}$ of a student's total tuition. How much will a student who receives this scholarship pay toward tuition, if tuition is \$360? 8) _____
A) \$357 B) \$315 C) \$225 D) \$135

Answer Key

Testname: WORD PROBLEMS WITH FRACTIONS 1

- 1) B
- 2) A
- 3) B
- 4) A
- 5) B
- 6) D
- 7) C
- 8) C