

# MATH ISSUE SKILLS REVIEW # 4

Name: \_\_\_\_\_

For use with the November 8 & 22, 2010, issue of Scholastic *MATH* Magazine. Fill in/click the letter of the correct answer, or write/type the correct answer in the answer box.

**Teacher E-mail (optional)**

**1** A unit fraction...

- (A) always has 1 as its denominator.
- (B) always has 1 as its numerator.
- (C) shows the number of wholes that a part is divided into.
- (D) is a fraction with a single horn in the middle of its forehead.

**2** Which of the following is a college expense you need to consider?

- (A) Tuition
- (B) Room and board
- (C) Books and supplies
- (D) All of the above
- (E) All of the below

**3** When making a line graph, which of the following do you *not* need to include?

- (A) Title
- (B) Axis labeled with periods of time
- (C) Separate bar for each data amount given
- (D) A line

**4** A variable is...

- (A) a letter that represents a number.
- (B) a number that represents a letter.
- (C) the intersection of the vertical axis and the horizontal axis on a graph.
- (D) a combination of a fairy tale and a fable.

**5** Solve for  $x$  in  $23x - 14 = 147$ .

**6** What are gross earnings?

- (A) The amount of money an employee receives after all taxes and deductions have been subtracted

- (B) The amount of money from taxes and deductions that are subtracted from an employee's pay
- (C) The amount of money an employee earns before all taxes and deductions have been subtracted
- (D) Ew! Gross!

**7** The Terrafugia Transition flying car has a fuel efficiency of 28 miles per gallon while flying. How many gallons of gas will it use for a 238-mile flight?

**8** Solve for  $x$  in  $5x + 92 = 9x$ .

**9** Write .0107 as a fraction. (If you are typing your answer, use the / symbol to separate the numerator and denominator.)

**10** The greatest common factor of two numbers is...

- (A) the highest multiple that they both share.
- (B) always 1.
- (C) the highest number that divides evenly into both numbers.
- (D) surprisingly great, considering how common it is, you know what I mean?

**BONUS** Find the greatest common factor of 39 and 102.

clear answers

e-mail answers to teacher