

MATH ISSUE SKILLS REVIEW # 9

Name: _____

For use with the February 21, 2011, issue of Scholastic *MATH* Magazine. Fill in/click the letter of the correct answer, or write/type the correct answer in the answer box.

1 You have 3 hats, 4 sweaters, 2 pairs of jeans, and 6 pairs of shoes. How many combinations, one of each type of item, can you make?

2 When choosing a text-message plan, which of the following do you need to consider?

- (A) About how many regular texts you send and receive each month
- (B) About how many photo or video texts you send and receive each month
- (C) Costs of the different plans
- (D) All of the above
- (E) ABCDE? LOL!

3 How do you write a decimal number as a percent?

- (A) Divide the decimal number by 100 and add a percent sign.
- (B) Multiply the decimal number by 100 and add a percent sign.
- (C) "Flip" the numerator and the denominator and add a percent sign.
- (D) Buy the decimal number a percent costume and tell it to speak with a percent accent.

4 Write .061 as a percent.

5 A circle graph...

- (A) shows change in data over time.
- (B) compares data amounts of only the most popular categories.
- (C) shows how a total set of data is divided among different categories.
- (D) shows the best possible way to slice a pizza.

Teacher E-mail (optional)

6 When adding pounds and ounces, after you've added ounces and then pounds, ...

- (A) "borrow" 1 from the pounds column and add to the ounces column.
- (B) check if the sum of the pounds column is 16 or greater.
- (C) check if the sum of the ounces column is 16 or greater.
- (D) OK, maybe I've added a few pounds since the holidays, but I've been exercising since then!

7 Find the sum of 4 lbs 8 oz, 7 lbs 3 oz, and 26 lbs 9 oz.

8 What is the formula to find the sum of a polygon's interior angles?

- (A) $180^\circ \times \text{number of sides}$
- (B) $180^\circ \times (\text{number of sides} + 2)$
- (C) $180^\circ \times (\text{number of sides} - 2)$
- (D) Come on, you're just as good as the exterior angles! Whoops, that is the formula to cheer up a polygon's interior angles.

9 What is the sum of the interior angles in a heptagon (polygon with 7 sides)?

10 What is the correct way to write a ratio?

- (A) *a to b*
- (B) *a:b*
- (C) $\frac{a}{b}$
- (D) All of the above
- (E) Dear ratio, How have you been? I miss you! Sincerely, [Your name]

clear answers

e-mail answers to teacher