

ACTIVITY #1

Name: _____

For use with pages 12–13 in the April 11, 2011, issue of Scholastic *MATH* Magazine.

% Change the World!

Percent change is a very important skill that you'll probably use for the rest of your life! But it's a little tricky. A lot of adults don't remember how to calculate percent change. So to make sure you master it, let's work through the practice test's first few questions together.

1 There were 150 glaciers in 1910 and there are 27 glaciers today.

a. What is the original amount?

b. What is the new amount?

c. Is that an increase or a decrease?

d. What is the amount of change (the difference between the two amounts)?

Fill in the circle of the correct answer!

2 Now use your answers from #1 to answer this question.

a. Divide the amount of change (**1d** above) by the original amount.

b. Multiply that quotient by 100. (Remember: You can simply move the decimal point two places to the right.)

c. Add a percent sign and that's your answer!

Fill in the circle of the correct answer. Was it an increase or a decrease (**1c** above)?

3 The number of mountain gorillas has gone from 250 to 300.

a. Original number:

b. New number:

c. Increase or decrease?

d. Amount of change:

e. Amount of change divided by original number:

f. Multiply quotient by 100 and add a percent sign:

Fill in the circle of the correct answer. And try to answer the rest of the questions on your own!