

Writing Percents as Decimals:

Remove the _____ symbol. Then _____ by _____, or just _____ the _____ point _____ places to the _____.

Example 1:

a. Write 52% as a decimal.

b. Write 7% as a decimal.

On Your Own

Write the percent as a decimal. Use a model to check your answer.

1. 24%

2. 3%

3. 107%

4. 92.7%

Writing Decimals as Percents:

_____ by 100, or just _____ the _____ point _____ places to the _____.

Example 2:

a. Write 0.47 as a percent.

b. Write 0.663 as a percent.

c. Write 1.8 as a percent.

d. Write 0.009 as a percent.

● On Your Own

Write the decimal as a percent. Use a model to check your answer.

5. 0.94

6. 1.2

7. 0.316

8. 0.005

Example 3:

On a math test, you get 92 out of a possible 100 points. Which of the following is *not* another way of expressing 92 out of 100?

(A) $\frac{23}{25}$

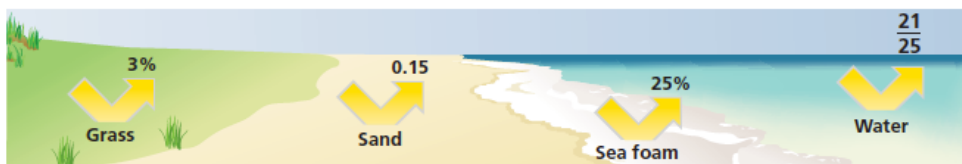
(B) 92%

(C) $\frac{17}{20}$

(D) 0.92

Example 4:

The figure shows the portions of ultraviolet (UV) rays reflected by four different surfaces. How many times more UV rays are reflected by water than by sea foam?



Challenge Problem:

40. **COLORS** Students in a class were asked to tell their favorite color.

- What percent said red, blue, or yellow?
- How many times more students said red than yellow?
- Use two methods to find the percent of students who said green. Which method do you prefer?

