Key Concept and Vocabulary -

$$18\% = 0.18$$

Percent to Decimal: Move decimal point to the left 2 places.

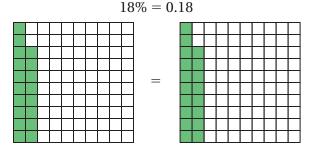


0.73 = 73%

Decimal to Percent: Move decimal point to the right 2 places.

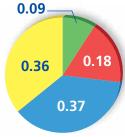
Application Example

Visual Model



5. What percent of 1. 18% = 0.18the circle graph is represented by the **2.** 145% = 1.45 yellow region?

$$0.36 = 36\%$$



Skill Examples

3. 0.005 = 0.5% (one-half of one percent)

4. 0.125 = 12.5%

The yellow region is 36%.

PRACTICE MAKES PURR-FECT

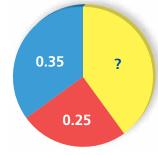
Check your answers at BigIdeasMath.com. —

Write the percent as a decimal.

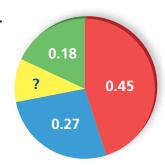
Write the decimal as a percent.

What percent of the circle graph is represented by the yellow region?

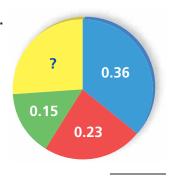
18.



19.



20.



21. BUDGET You have set aside two twenty-fifths of your monthly budget for clothing. What percent is this?

22. SUMMER SCHOOL Eighty-seven percent of the students in your class do not plan to attend summer school. What percent of your class plans to attend summer school?