REVIEW: Percents and Proportions


## Skill Examples

1. $\frac{36}{50}=\frac{p}{100}$
$100 \cdot \frac{36}{50}=100 \cdot \frac{p}{100}$
$72=p$
$\therefore \quad$ So, 36 is $72 \%$ of 50 .
2. $\frac{a}{36}=\frac{20}{100}$
$36 \cdot \frac{a}{36}=36 \cdot \frac{20}{100}$

$$
a=7.2
$$

$\therefore \quad$ So, 7.2 is $20 \%$ of 36 .

## PRACTICE makes PURR-FECT ${ }^{\text {™ }}$

Write and solve a proportion to answer the question.
4. 68 is what percent of 80 ?
6. 36 is $16 \%$ of what number?
8. What number is $64 \%$ of 40 ?
5. What number is $25 \%$ of 116 ?
7. 48 is what percent of 128 ?
9. 77 is $55 \%$ of what number?
$\qquad$
10. PLAY Students are auditioning for a play. Of the 60 students auditioning, 12 will get a part in the play. What percent of the students who audition will get a part in the play?
$\qquad$
11. HOMEWORK You have completed $60 \%$ of your English homework. The assignment has 25 questions. How many questions are left? $\qquad$

