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CHAPTER 10 Percent

Lesson 10.1   Percent

Write each item as a fraction, decimal, or percent.

	Fraction	Decimal	Percentage
1.	$\dfrac{5}{10}$	0.5	50%
2.	$\dfrac{25}{100}$	0.25	25%
3.	$\dfrac{20}{100}$	0.2	20%
4.	$\dfrac{3}{10}$	0.3	30%
5.	$\dfrac{9}{20}$	0.45	45%
6.	$\dfrac{8}{25}$	0.32	32%
7.	$\dfrac{75}{100}$	0.75	75%
8.	$\dfrac{60}{100}$	0.60	60%
9.	$\dfrac{15}{100}$	0.15	15%

Solve. Show your work.

10. During a math quiz, students had to complete
100 questions. Jerry completed only 84 questions.
   a. What percent of the questions were not completed by Jerry?

$100 - 84 = 16$

16% of the questions
were not completed by
Jerry.

✓ b. What fraction of the questions did Jerry complete?

Jerry completed 84% of the
questions.

11. In the gym, $\frac{36}{100}$ of the students are girls. What percent of the students
in the gym are boys?

$$\frac{100}{100} - \frac{36}{100} = \frac{64}{100}$$

The percent of
boy in the gym
is 64%.