

Name \_\_\_\_\_

Date \_\_\_\_\_

**Finding Percents  
of Numbers**

# Time for Hoops

Trish plays basketball in her town's basketball league. She learned that percents play a big part in understanding the game. Solve the following problems.



- 1** This year, Trish played in all of her team's games. The number of games Trish played in relation to the number of games the team played can be expressed as what percent?

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Last year, Trish injured her ankle and missed 25% of her team's games. If the team played 28 games, how many games did Trish miss because of her injury?

- 2** Trish's team, the Hornets, played 24 games this season and won 62.5% of them. How many games did the Hornets win?

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The first-place team, the Vipers, won 75% of the 24 games they played. How many games did the Vipers win?

- 3** Last season, Trish scored 70 points. This year she scored 160% more. How many points did Trish score this season?

- 4** Trish attempted 32 free throws and made 75% of them. How many free throws did she make?

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The team attempted a total of 280 free throws and made 72.5% of them. How many free throws did the team make?

- 5** 375 people attended the championship game between the Hornets and the Vipers. 48% of those attending the game bought advance tickets. How many people bought advance tickets?

- 6** During the season, Trish attempted 110 field goals and made 40% of them. How many field goals did Trish make?

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Her teammate Ellen attempted 120 field goals and made 37.5% of them. How many field goals did Ellen make?

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Sienna attempted 40 field goals and made 50% of them. How many field goals did Sienna make?

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In your opinion, which girl is the best scorer? Explain.