

## Percent Word Problems Worksheet

1. Five of the 25 girls on Alden Middle School's soccer team are seventh-grade students. Find the percentage of seventh graders on the team.
2. Of the 25 girls on the Alden Middle School soccer team, 40% also play on a travel team. How many of the girls on the middle school team also play on a travel team?
3. The Alden Middle School girls' soccer team won 80% of its games this season. If the team won 12 games, how many games did it play?
4. There are 60 animal exhibits at the local zoo. What percent of the zoo's exhibits does each animal class represent?

| Exhibits by Animal Class | Number of Exhibits | Percent of the Total Number of Exhibits |
|--------------------------|--------------------|---|
| Mammals                  | 30                 |   |
| Reptiles & Amphibians    | 15                 |   |
| Fish & Insects           | 12                 |   |
| Birds                    | 3                  |   |

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## Percent Word Problems Worksheet

1. Five of the 25 girls on Alden Middle School's soccer team are seventh-grade students. Find the percentage of seventh graders on the team.

$$\frac{5}{25} = 20\%$$

2. Of the 25 girls on the Alden Middle School soccer team, 40% also play on a travel team. How many of the girls on the middle school team also play on a travel team?

$$\frac{40}{100} \times 25 = 10$$

10 of the girls also play on a travel team.

3. The Alden Middle School girls' soccer team won 80% of its games this season. If the team won 12 games, how many games did it play?

$$\frac{12}{0.8} = 15$$

The girls played a total of 15 games.

4. There are 60 animal exhibits at the local zoo. What percent of the zoo's exhibits does each animal class represent?

| Exhibits by Animal Class | Number of Exhibits | Percent of the Total Number of Exhibits                              |
|--------------------------|--------------------|--|
| Mammals                  | 30                 | $\frac{30}{60} = \frac{5}{10} = \frac{50}{100} = 50\%$               |
| Reptiles & Amphibians    | 15                 | $\frac{15}{60} = \frac{3}{12} = \frac{1}{4} = \frac{25}{100} = 25\%$ |
| Fish & Insects           | 12                 | $\frac{12}{60} = \frac{2}{10} = \frac{20}{100} = 20\%$               |
| Birds                    | 3                  | $\frac{3}{60} = \frac{1}{20} = \frac{5}{100} = 5\%$                  |

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