Name: _____ Date: _____

Percents in Everyday Life

Circle group

A percent shows a part of one hundred. The word comes from two old words that mean "for each hundred." Say a quiz has 100 questions. You get 90 right. You scored 90 percent. The symbol for percent looks like this: %.

You can find percents all around you. A store may put a sign in the window that says 25% off. That means you save 25 cents for every dollar. A game costs $20. Then 25% off takes away $5, because one quarter of 20 is 5. You pay $15.

Percents help us compare things of different sizes. One team won 6 of its 10 games. Another team won 9 of its 20 games. The totals are not the same, so it is hard to compare them. Change both to percents. The first team won 60 percent of its games. The second won 45 percent. Now it is easy.

Weather reports use percents too. A 70% chance of rain means that on days with weather like today's, it rained on about 70 out of every 100. You might pack an umbrella. Learning about percents helps you shop, play, and plan.

Questions

1. What does the word percent mean in the old words it comes from?

_____

_____

2. If a game costs $20 and is 25% off, how much do you pay?

_____

_____

3. How did the passage turn 6 wins out of 10 games into a percent?

_____

_____

4. Why are percents useful for comparing two teams?

_____

_____

5. What does a 70% chance of rain mean?

_____

_____

Words to know

percent: a part out of one hundred
symbol: a mark that stands for something
compare: to look at how things are alike and different
quarter: one of four equal parts
chance: how likely it is that something will happen

Talk together (every group has these)

1. Find one fact that every group read. How did your sheet say it?
2. What did your sheet tell you that you think another group's did not? Ask them.
3. What is one question about this topic that none of the sheets answered?

Name: _____ Date: _____

Percents in Everyday Life

Triangle group

A percent is a way to show a part of one hundred. The word comes from two old words that mean "for each hundred." If a quiz has 100 questions and you get 90 of them right, you scored 90 percent. The symbol for percent looks like this: %.

You can find percents all around you. A store might put a sign in the window that says 25% off, which means you save 25 cents for every dollar the item costs. If a game costs $20, then 25% off takes away $5, because one quarter of 20 is 5, so you would pay $15.

Percents help us compare things that are different sizes. Imagine that one team won 6 of its 10 games, while another team won 9 of its 20 games. The totals are different, so it is hard to compare the two teams. Changing both results to percents makes the comparison easy. The first team won 60 percent of its games, and the second team won 45 percent.

Weather reports also use percents. A 70% chance of rain means that, on days with weather like today's, it rained on about 70 out of every 100 of them. You might decide to pack an umbrella. Learning how percents work helps you shop, play, and plan wisely.

Questions

1. What does the word percent mean in the old words it comes from?

_____

_____

2. If a game costs $20 and is 25% off, how much do you pay?

_____

_____

3. How did the passage turn 6 wins out of 10 games into a percent?

_____

_____

4. Why are percents useful for comparing two teams?

_____

_____

5. What does a 70% chance of rain mean?

_____

_____

Words to know

percent: a part out of one hundred
symbol: a mark that stands for something
compare: to look at how things are alike and different
quarter: one of four equal parts
chance: how likely it is that something will happen

Talk together (every group has these)

1. Find one fact that every group read. How did your sheet say it?
2. What did your sheet tell you that you think another group's did not? Ask them.
3. What is one question about this topic that none of the sheets answered?

Name: _____ Date: _____

Percents in Everyday Life

Square group

A percent is a method of expressing a portion of one hundred. The word descends from two old words that mean "for each hundred." If a quiz contains 100 questions and you answer 90 of them correctly, you have scored 90 percent. The symbol for percent looks like this: %.

You can discover percents all around you. A store might display a sign in its window announcing 25% off. That means you save 25 cents for every dollar that the item costs. If a game is priced at $20, then 25% off subtracts $5, because one quarter of 20 is 5, and you would pay $15.

Percents allow us to compare things that are different sizes. Suppose one team won 6 of its 10 games, while another team won 9 of its 20 games. Since the totals are not identical, comparing them is awkward. Converting both results to percents makes the comparison simple. The first team won 60 percent of its games, and the second won 45 percent.

Weather reports also rely on percents. A 70% chance of rain means that, on days with weather like today's, it rained on about 70 out of every 100 of them. You might decide to pack an umbrella. Understanding how percents work helps you shop, play, and plan wisely.

Questions

1. What does the word percent mean in the old words it descends from?

_____

_____

2. If a game is priced at $20 and is 25% off, how much do you pay?

_____

_____

3. How did the passage convert 6 wins out of 10 games into a percent?

_____

_____

4. Why are percents useful for comparing two teams with different totals?

_____

_____

5. What does a 70% chance of rain mean?

_____

_____

Words to know

percent: a part out of one hundred
symbol: a mark that stands for something
compare: to look at how things are alike and different
quarter: one of four equal parts
chance: how likely it is that something will happen

Talk together (every group has these)

1. Find one fact that every group read. How did your sheet say it?
2. What did your sheet tell you that you think another group's did not? Ask them.
3. What is one question about this topic that none of the sheets answered?

For the teacher: Percents in Everyday Life

Each student sheet carries a shape, not a level. The same topic and facts, written three ways.

Circle: Percents in Everyday Life

Easier · 170 words · Flesch-Kincaid grade 1.9

1. For each hundred.
2. $15.
3. 6 out of 10 is the same as 60 out of 100, or 60 percent.
4. They put different totals on the same scale of 100.
5. On days like today's, it rained about 70 out of every 100.

Triangle: Percents in Everyday Life

This passage · 196 words · Flesch-Kincaid grade 4.4

1. For each hundred.
2. $15.
3. It showed that 6 out of 10 is the same as 60 out of 100, or 60 percent.
4. They put different totals on the same scale of 100.
5. On days with weather like today's, it rained on about 70 out of every 100.

Square: Percents in Everyday Life

Harder · 195 words · Flesch-Kincaid grade 5.3

1. For each hundred.
2. $15.
3. It showed that 6 out of 10 equals 60 out of 100, or 60 percent.
4. They place different totals on the same scale of 100.
5. On days with weather like today's, it rained on about 70 out of every 100.