

Decimals and Percentages

In this section convert percentages to decimals by moving the decimal point two places to the left.

1. 45%

4. 12.789%

2. 27.5%

5. 50%

3. 100%

6. 67.53%

In this section convert decimals to percentages by moving the decimal point two places to the right.

7. 0.5

10. 0.67

8. 0.25

11. 0.82

9. 0.36

12. 1.22

In school, you can find your score on assignments by taking the number of questions you answered correctly and dividing it by the total number of questions. Then, convert that decimal to a percentage.

For example: if you answered 9 questions correctly on your quiz and there were 10 questions total, you can find your score by taking $9/10$. This equals $.9$, which equals 90%. Good job!

Use the following chart to find the percentage each student received on their assignments.

Sarah:

Art Test – 11/13

Grammar Quiz – 24/25

Adrian:

Art Test – 12/13

Spanish Paper – 8/10

John:

Spanish Paper – 7/10

Ag Test – 34/50

Emma:

Grammar Quiz – 19/25

Ag Test – 47/50

Madeline:

Science Presentation - 17/20

PE Test – 22/25

Isaiah:

PE Test – 13/25

Science Presentation - 8/20