

Lesson Plan (Percents 1)

Secondary Courseware Skill Level 5

Lesson (PLATO):

Curriculum: Foundational Math

Course: Working With Percent

Module: Understanding Percent

Objective/Skill Activity (PLATO):

Objective: The learner will translate between percents, fractions in hundredths, and decimal models

Content Standard (PLATO/State):

Standard: Numbers and Operations

Goal: 6.M.1.1.2 Explain the interrelationship of fractions, decimals and percents

Anticipatory Set (Teacher):

Activity: Teacher will utilize the PLATO Tutorial as the introduction to this lesson

Materials: Computer, Projector, PLATO Courseware, Offline Activity, Smart Tools if available (CPS Chalkboard)

Instructional Strategies (Teacher):

1. Go through the tutorial as a whole group introduction to this objective
2. Check the students understanding of the lesson by utilizing the PLATO Courseware and at the Practice/Application level as a whole group activity.

Classroom Activities (setting, schedule, time allotment, student guided, and independent practice):

Whole group interaction with the students by utilizing the PLATO courseware and the learning tools provided with in the courseware

Extension Activity (Teacher):

- Offline activity will be provided as a follow-up activity
- Develop Journal prompts that encourage the learner to further extend their mathematical knowledge and make connections
- Assign individual lessons to small groups; have each group teach the lesson content to the whole group

Closure Activity (Teacher):

Review the materials presented through the PLATO Courseware and check the students understanding of the concepts taught

Assessment Strategy (PLATO/Teacher):

PLATO Mastery test will be completed by each student and passed with a score of 80% or better

Follow-up/Comments:

Students not passing the mastery test will be required to repeat the tutorial and supporting materials before taking the test again

Lesson Plan (Percents 2)

Secondary Courseware Skill Level 5

Lesson (PLATO):

Curriculum: Foundational Math

Course: Working With Percent

Module: Relating Fractions, Decimals, and Percents

Objective/Skill Activity (PLATO):

Objective: The learner will translate between percents and fractions and between percents and decimals

Content Standard (PLATO/State):

Standard: Numbers and Operations

Goal: 6.M.1.1.2 Explain the interrelationship of fractions, decimals, and percents

Anticipatory Set (Teacher):

Activity: Teacher will utilize the PLATO Tutorial as the introduction to this lesson

Materials: Computer, Projector, PLATO Courseware, Offline Activity, Smart Tools if available (CPS Chalkboard)

Instructional Strategies (Teacher):

- Go through the tutorial as a whole group introduction to this objective
- Check the students understanding of the lesson by utilizing the PLATO Courseware and at the Practice/Application level as a whole group activity.

Classroom Activities (setting, schedule, time allotment, student guided, and independent practice):

Whole group interaction with the students by utilizing the PLATO courseware and the learning tools provided with in the courseware

Extension Activity (Teacher):

- Offline activity will be provided as a follow-up activity
- Develop Journal prompts that encourage the learner to further extend their mathematical knowledge and make connections
- Assign individual lessons to small groups; have each group teach the lesson content to the whole group

Closure Activity (Teacher):

Review the materials presented through the PLATO Courseware and check the students understanding of the concepts taught

Assessment Strategy (PLATO/Teacher):

PLATO Mastery test will be completed by each student and passed with a score of 80% or better

Follow-up/Comments:

Students not passing the mastery test will be required to repeat the tutorial and supporting materials before taking the test again

Lesson Plan (Percents 3)

Secondary Courseware Skill Level 6

Lesson (PLATO):

Curriculum: Foundational Math

Course: Working With Percent

Module: Finding a Percent of a Decimal Number

Objective/Skill Activity (PLATO):

Objective: Given a number containing 2 decimal places and a percent that is not greater than 100 percent, the learner will find the specified percent of the number by converting the percent to a decimal and multiplying.

Content Standard (PLATO/State):

Standard: Numbers and Operations

Goal: 6.M.1.1.2 Explain the interrelationship of fractions, decimals, and percents

Anticipatory Set (Teacher):

Activity: Teacher will utilize the PLATO Tutorial as the introduction to this lesson

Materials: Computer, Projector, PLATO Courseware, Offline Activity, Smart Tools if available (CPS Chalkboard)

Instructional Strategies (Teacher):

- Go through the tutorial as a whole group introduction to this objective
- Check the students understanding of the lesson by utilizing the PLATO Courseware and at the Practice/Application level as a whole group activity.

Classroom Activities (setting, schedule, time allotment, student guided, and independent practice):

Whole group interaction with the students by utilizing the PLATO courseware and the learning tools provided with in the courseware

Extension Activity (Teacher):

- Offline activity will be provided as a follow-up activity
- Develop Journal prompts that encourage the learner to further extend their mathematical knowledge and make connections
- Assign individual lessons to small groups; have each group teach the lesson content to the whole group

Closure Activity (Teacher):

Review the materials presented through the PLATO Courseware and check the students understanding of the concepts taught

Assessment Strategy (PLATO/Teacher):

PLATO Mastery test will be completed by each student and passed with a score of 80% or better

Follow-up/Comments:

Students not passing the mastery test will be required to repeat the tutorial and supporting materials before taking the test again

Lesson Plan (Percents 4)

Secondary Courseware Skill Level 6

Lesson (PLATO):

Curriculum: Foundational Math

Course: Working With Percent

Module: Finding a Percent of a Whole Number

Objective/Skill Activity (PLATO):

Objective: Given a whole number and a percent that is not greater than 100 percent, the learner will find the specified percent of the number by converting the percent to a decimal and multiplying.

Content Standard (PLATO/State):

Standard: Numbers and Operations

Goal: 6.M.1.1.2 Explain the interrelationship of fractions, decimals, and percents

Anticipatory Set (Teacher):

Activity: Teacher will utilize the PLATO Tutorial as the introduction to this lesson

Materials: Computer, Projector, PLATO Courseware, Offline Activity, Smart Tools if available (CPS Chalkboard)

Instructional Strategies (Teacher):

- Go through the tutorial as a whole group introduction to this objective
- Check the students understanding of the lesson by utilizing the PLATO Courseware and at the Practice/Application level as a whole group activity.

Classroom Activities (setting, schedule, time allotment, student guided, and independent practice):

Whole group interaction with the students by utilizing the PLATO courseware and the learning tools provided with in the courseware

Extension Activity (Teacher):

- Offline activity will be provided as a follow-up activity
- Develop Journal prompts that encourage the learner to further extend their mathematical knowledge and make connections
- Assign individual lessons to small groups; have each group teach the lesson content to the whole group

Closure Activity (Teacher):

Review the materials presented through the PLATO Courseware and check the students understanding of the concepts taught

Assessment Strategy (PLATO/Teacher):

PLATO Mastery test will be completed by each student and passed with a score of 80% or better

Follow-up/Comments:

Students not passing the mastery test will be required to repeat the tutorial and supporting materials before taking the test again