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Resource ID#: 42384

Primary Type: Problem-Solving Task

Peaches and Plums

This task asks students to reason about the relative costs per pound of two fruits without actually knowing what the costs are. Students who find this difficult may add a scale to the graph and reason about the meanings of the ordered pairs. Comparing the two approaches in a class discussion can be a profitable way to help students make sense of slope.

Peaches and Plums: This file includes the task and related information in Microsoft Word format.
Peaches and Plums (PDF): This file includes the task and related information in PDF format.

General Information

Subject(s): Mathematics
Grade Level(s): 8
Intended Audience: Educators , Students , Parents

Instructional Time: 10 Minute(s)

Freely Available: Yes

Keywords: peaches and plums, peaches, plums, slope, graph, cpalms, icpalms, illustrativemathematics.org, illustrative mathematics, tasks, mathematics, math, Florida standards, resource, free, freely available, problems-based learning, student activities, unit rate
Instructional Component Type(s): Problem-Solving Task

Resource Collection: Illustrative Mathematics

Source and Access Information

Contributed by: Brian Carmichael
Name of Author/Source: Brian Carmichael
District/Organization of Contributor(s):
Is this Resource freely Available? Yes
Access Privileges: Public
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Aligned Standards

Name	Description
	Graph proportional relationships, interpreting the unit rate as the slope of the graph. Compare two different proportional relationships represented in different ways. For example, compare a distance-time graph to a distance-time equation to determine which of two moving objects has greater speed.
MAFS.8.EE.2.5:	**Clarifications:** **Examples of Opportunities for In-Depth Focus** When students work toward meeting this standard, they build on grades 6–7 work with proportions and position themselves for grade 8 work with functions and the equation of a line.