Name

Use the following graphs to answer the questions. Each graph may be used once, more than once, or not at all.



1. Which graph represents a direct relationship?

14/17, 14/15, 14/14, 76/76, 23/25, 45/46, 67/68

1. Which graph represents an indirect relationship?

16/17, 13/15, 14/14, 72/76, 23/25, 42/46, 63/68

1. Which graph could be the relationship between pressure and temperature?

11/17, 9/15, 8/14, 67/76, 18/25, 34/46, 54/68

1. Which graph could be the relationship between pressure and volume?

7/17, 2/15, 9/14, 56/76, 16/25, 37/46, 48/68

1. Which graph could be the relationship between volume and temperature?

7/17, 6/15, 8/14, 52/76, 7/25, 23/46, 43/68

Comments:

Students feel obligated to pick choices that have not been chosen regardless if it makes sense or not.

After assessment, class discussion was held about test taking strategies with multiple choice questions.

When retested on a similar problem, students tended not to select choices that did not align with data presented.