Identify the Domain and Range of a Simple Linear Function 

KWL Chart Answer Key

Objective

Predict and connect new information with prior knowledge of a concept. The KWL Chart can be used to brainstorm prior knowledge, generate questions about a given topic, and organize knowledge as well recall what has been read.

Instruction

Have students create three columns: K=“Know,” W=“Want to Know,” L=“Learned.” Students will fill in the K and W columns before reading and the L column after reading the concept.

Activity

This is a PrePostRead activity.

PreRead: Complete the first column (K) with information you already know about the concept. Complete the second column (W) with questions you have about the concept.

PostRead: After reading the concept, complete the third column (L) with notes about what you learned from the reading.

*Below are examples of possible answers. Individual student answers may vary.*

Example Concept: Identify the Domain and Range of a Simple Linear Function

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| KWhat do you already know? | WWhat do you want to learn? | LWhat have you learned? |
| I know that an ordered pair contains an *x* and *y* coordinate. | I want to know what a function is. | A function is an ordered pair in which the x corresponds to only one y. |
| I know that *x* comes firs in an ordered pair. | I want to know what domain means. | Domain is a set of all the first elements of a function (the x values). |
| I know that *y* comes second in an ordered pair. | I want to know what the range is.  | The range is the set of all the second elements (the y values).  |

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