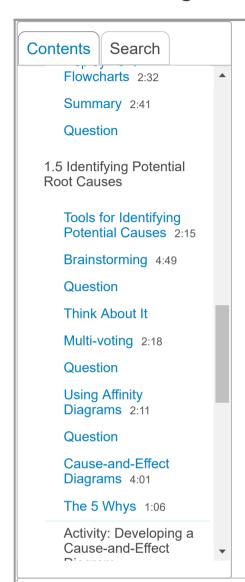
Statistical Thinking and Problem Solving

Dashboard / Courses / Statistical Thinking and Problem Solving / Statistical Thinking and Problem Solving/ Statistical Thinking and Problem Solving

Exit activity

Statistical Thinking and Problem Solving



Activity: Developing a Cause-and-Effect Diagram

Use the steps below to develop a cause-and-effect diagram for the following problem: arriving late to work, school, or to a regularly scheduled appointment. (Or you can complete this activity for a problem that you are trying to solve.)

- 1. Define the problem or effect.
- 2. Define the categories.
- 3. Brainstorm potential root causes.
- 4. Identify the most probable root causes.

Note: Do this on a piece of paper, a chalkboard, a whiteboard, or a flip chart. When you're finished, you can re-create the diagram in JMP or using another template.

To re-create the diagram in JMP, select **Analyze**, **Quality and Process**, and then **Diagram**. For information about how to create a cause-and-effect diagram in JMP, search for "cause and effect" in the JMP Help at www.jmp.com/help.

Hide Answer

Solution (there are many possible solutions): In your final diagram, you should identify the top two or three potential causes.

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Text Version

This is not a video. See the main content area.

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Navigation

Back to the Main Page
Help and FAQs
Evaluation Form

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To use the Virtual Lab, please select the Create User link below. If you would prefer to use software on your own machine, please select the Download Data link below.

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