

# 11.1 Factors Affecting Data Collection

## Explore Factors That Affect Survey Responses

The following notes provide guidelines to help you adapt the Explore Factors That Affect Survey Responses section from *MathLinks 9*.

- Discuss what a *survey* is and what it means to influence a response.
- Discuss each of the influencing factors and try to provide examples relevant to students.
- Post the influencing factors for students to use as a reference. Encourage them to use the influencing factors when discussing possible surveys.

## Examples

Working Example 1:

- ESL students may need support to help them understand the complex language in this section. Terms such as *ethics*, *privacy*, and *cultural sensitivity* may have different implications for these students.
- You may wish to discuss the answers with students who struggle with writing, using the questions as a springboard to explore their understanding of the issues.

Working Example 2:

- It may be helpful to use other examples from your school newspaper and/or your community newspaper.

## Communicate the Ideas, Practise, and Apply

- To help struggling readers, read the questions aloud and ask students to respond orally or in writing.
- Provide students who need additional practice with **BLM 11–2 Section 11.1 Extra Practice**.

## Common Errors

- Students may confuse *bias* and *ethics*, thinking that it is unethical to ask a leading question.
- R<sub>x</sub>** Explain the difference between the two terms, providing examples of each. Be particularly sensitive to new Canadians, since cultural sensitivity varies between cultures and within each culture.