

## Lesson 14 Summary

**Percent error** can be used to describe any situation where there is a correct value and an incorrect value, and we want to describe the relative difference between them. For example, if a milk carton is supposed to contain 16 fluid ounces and it only contains 15 fluid ounces:

- the measurement error is 1 oz, and
- the percent error is 6.25% because  $1 \div 16 = 0.0625$ .

We can also use percent error when talking about estimates. For example, a teacher estimates there are about 600 students at their school. If there are actually 625 students, then the percent error for this estimate was 4%, because  $625 - 600 = 25$  and  $25 \div 625 = 0.04$ .

## Lesson 14 Glossary Terms

- percent error