

## Exercise 46

Indicate whether each of the following can be determined exactly or must be measured with some degree of uncertainty:

- (a) the number of eggs in a basket
- (b) the mass of a dozen eggs
- (c) the number of gallons of gasoline necessary to fill an automobile gas tank
- (d) the number of cm in 2 m
- (e) the mass of a textbook
- (f) the time required to drive from San Francisco to Kansas City at an average speed of 53 mi/h

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### Solution

- (a) Exact
- (b) Uncertain
- (c) Uncertain
- (d) Exact
- (e) Uncertain
- (f) Uncertain