

ANSWERS

1. Sample answers may include two or more brands of cleansers; sponge or rag; stopwatch; and different materials to produce stains.
2. Sample procedures might test the effect of various cleansers on one type of stain, or on several types of stains. Students

- might try to control certain variables in the experiments, such as the amount of cleanser used or the time spent scrubbing.
3. The quality of each cleanser could be described in terms of how fast it cleans, how many types of stains it cleans, or how much is needed to clean a stain.

Design Your Own Experiment

Suppose that you want to conduct a test to see which brand of cleanser produces the best results when cleaning a kitchen floor. Think about how you would conduct this test.

1. What materials would you need?
2. What procedure would you follow?
3. How would you determine which cleanser produces the best results?