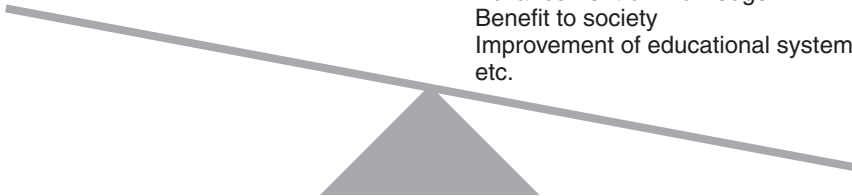


Costs Resulting from Study

Harm to participants
Expense of study
Time required of participants
Time required of researchers
etc.

Benefits Resulting from Study

Benefit to participants
Advancement of knowledge
Benefit to society
Improvement of educational system
etc.



Balancing costs and
benefits of a study
to ensure that benefits
are sufficiently
large relative to costs

■ **FIGURE 4.1** Utilitarian approach to judging the ethical acceptability of a research study