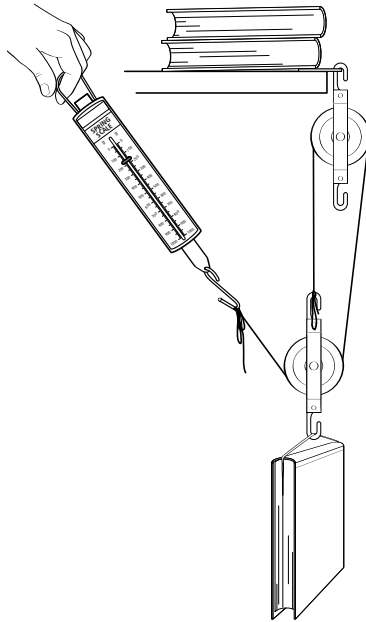


# A Pulley System



- 1** Lift the book with the spring scale without using a pulley. How much force did you use to lift the book? \_\_\_\_\_



- 2** Now lift the book with the spring scale using a pulley system. How much force did you use to lift the book using the pulley system?

\_\_\_\_\_

- 3** Do you need to use more, less, or about the same amount of force to lift the book when using the pulley system? \_\_\_\_\_

- 4** Which moves farther, the book or the spring scale?

\_\_\_\_\_