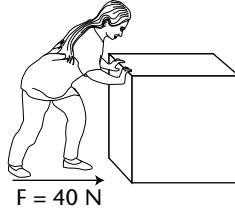


Work and Machines ▪ *Review and Reinforce*

What Is Work?

Understanding Main Ideas

Use the following illustration to answer questions 1 through 3.



1. The illustration shows Beatrice pushing on a heavy box. Beatrice pushes with a force of 40 N. How can you determine if Beatrice is doing work on the box?

2. Beatrice pushes the box 2 m to the right. What formula should you use to calculate the amount of work done on the box?

3. How much work does Beatrice do pushing the box 2 m?

Building Vocabulary

Write a definition for each of the following terms on the lines below.

4. work

5. joule

6. power
