

Suggestion for a non-quiz assessment tool for the lesson

Here are two practice problems you can try to reinforce and take your understanding further:

1. (*Basic review*) A scale reads 580.0 N while Jenny stands on it.
 - a. Draw Jenny's force diagram.
 - b. Her friend comes by and applies a force to Jenny so the scale now reads 500.0 N. Draw her new force diagram.
 - c. Her friend now applies a force so the scale reads 650.0 N. Draw her new force diagram.
 - d. What is Jenny's mass in kilograms?

2. (*Apply ideas to a new situation*) Kim holds a scale at rest up against the wall as shown.
 - a. Draw the scale's force diagram.
 - b. Draw Kim's force diagram.

