**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.
   1. Draw Jenny’s force diagram.
   2. Her friend comes by and applies a force to Jenny so the scale now reads 500.0 N. Draw her new force diagram.
   3. Her friend now applies a force so the scale reads 650.0 N. Draw her new force diagram.
   4. What is Jenny’s mass in kilograms?

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| 1. (*Apply ideas to a new situation*) Kim holds a scale at rest up against the wall as shown.    1. Draw the scale’s force diagram.    2. Draw Kim’s force diagram. | 100.0 N  mKim=60.0 kg  mscale=2.0 kg |