



✓ **Congratulations! You passed!**
TO PASS 80% or higher

Keep Learning

GRADE
80%

Week 4 quiz

LATEST SUBMISSION GRADE

80%

1. Thermal simulations should be run will all bodies of an assembly rather than removing any bodies or components.

1 / 1 point

- ☒ False.
☐ True.

✓ **Correct**
The answer can be found in Prepare a model for thermal simulation.

2. Thermal studies require contact sets to be solved.

1 / 1 point

- ☒ True.
☐ False.

✓ **Correct**
The answer can be found in Solving a thermal study and reviewing the results.

3. If mesh elements in a certain area of a design don't provide adequate resolution what might apply? (select all that apply)

1 / 1 point

☒ Adjust global mesh settings.

✓ **Correct**
The answer can be found in Setting up mesh and contacts.

☐ Nothing, the default mesh is always good enough.

☒ Local mesh control.

✓ **Correct**
The answer can be found in Setting up mesh and contacts.

☐ Re-mesh and see if it changes.

4. Which event simulation setting controls the number of steps in the displayed results?

0 / 1 point

- ☒ Heartbeat.
☐ Result Step.
☐ Result Intervals.
☐ Event Duration.

! **Incorrect**
The answer can be found in Event simulation results review.

5. All bodies in a thermal stress simulation study do not need to be meshed.

1 / 1 point

- ☐ True.
☒ False.

✓ **Correct**
The answer can be found in Setting up mesh and contacts.