Teacher Answer Key

Case Study

1. Felting shrinkage happens when heat, moisture, and agitation lock the microscopic scales on the surface of wool fibers together, and the reading states this is permanent and no amount of stretching recovers it. That makes it different from ordinary relaxation shrinkage in cotton, because the fibers physically bond rather than simply settling, so the change is irreversible like something that has set.

2. A hand inside the washtub means hand wash only, so the sweater should never have gone into a machine where agitation would felt the fibers. A square with a single horizontal line means dry flat, which prevents both dryer heat and the stretching that happens when a wet knit hangs under its own weight, so together they would have avoided the agitation and the heat entirely.

Multiple Choice

1. B

2. A

3. C

Matching

1-E, 2-C, 3-A, 4-B, 5-D

Fill-in-the-Blank

1) triangle, 2) hand wash, 3) temperature

Short Answer (Sample Responses)

Q1: The FTC Care Labeling Rule requires manufacturers to attach a permanent label and to have a reasonable basis for the instructions, meaning actual evidence that the method works on that garment. The label must give at least one complete safe method and must warn about procedures that would cause damage, so it carries legal obligations rather than informal advice.

Q2: Dry clean is a recommendation, meaning professional cleaning is known to work but other methods might also be safe. Dry clean only is a warning that home washing will actually damage the garment, so the second phrase removes the flexibility that the first one leaves open.

Q3: The label discloses ongoing cost and effort that the price tag hides, such as a dry clean only garment that can cost more in cleaning over a season than it did to buy. It also flags items that need hand washing, flat drying, or separate washing

because the dye will bleed, all of which are real constraints for someone using a shared machine or a laundromat.