Making the Attraction Real

Directions: Read each claim and determine from what you've learned whether the claim is correct or incorrect. Justify why each claim is correct or incorrect.

Claim: The stronger the attraction between the atoms or molecules, the more energy it will take to separate them.
Correct / Incorrect (circle one)

Justification: _____

Claim: As a temporary dipole is established in one molecule, it induces a dipole in all surrounding molecules.
Correct / Incorrect (circle one)

Justification: _____

_____

Claim: Polar molecules only have induced dipoles.

Correct / Incorrect (circle one)

Justification: _____

_____

Claim: Hydrogen bonds are stronger than dipole-dipole forces, despite not being a true bond.

Correct / Incorrect (circle one)

Justification: _____

_____

Claim: London dispersion forces are present in all molecules and atoms.

Correct / Incorrect (circle one)

Justification: _____

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