Answers:

P: Melting/*Peleburan*

Q: Freezing/*Pembekuan*

R: Condensation/*Kondensasi*

(b) You are asked to state what happens to the kinetic energy of the particles when ice changes to water. When ice melts to water, the particles have energy to move away from one another. So their kinetic energy increases.

Answers:

During melting, the kinetic energy of the particles increases.

Semasa peleburan, tenaga kinetik zarah-zarah meningkat.

(c) You are required to state what happens to the movement of the particles during freezing.

Answers:

During freezing, the particles slow down in their motion and form a pattern, becoming a solid.

Semasa pembekuan, zarah-zarah bergerak dengan semakin perlahan dan membentuk satu susunan teratur untuk menjadi pepejal.

(d) You are asked to draw the particle arrangement in a solid. Remember that the particles in a solid are closely packed and vibrate in their own positions.

Answers: