FACTS TO PASS THE EARTH SCIENCE REGENTS
HOMEWORK SHEET #1

Unit 1 – Review
1) The same substance always has the same ____________ .
2) As pressure increases, density ____________.
3) As temperature increases, density ____________.
4) Water is densest at 4°C, when it is a ____________.
5) The true shape of the earth is an ____________ ____________
6) The best model of the earth’s shape is a ____________.
7) ____________ energy: energy of motion, increases with velocity.
8) ____________ energy: stored or at rest, increases with height.

Unit 2 – Maps
9) The altitude of Polaris equals your ____________.
10) Latitude lines go ____________________________. (0-90)
11) Latitude lines are ____________.
12) Longitude lines go ____________________________. (0-180)
13) Longitude is based on observations of the _____________. (time-zones)
14) The closer isolines (contour-isobar-isotherm) are the ____________ the slope or gradient.

Unit 3 – Rocks and Minerals
15) ____________ rocks – strata – flat layers, may contain fossils
16) ____________ rocks: cool fast – _______ crystals
   cool slow – _______ crystals
17) ____________ rocks: banding-distorted structure.
18) Mineral properties depend on ________________________________.