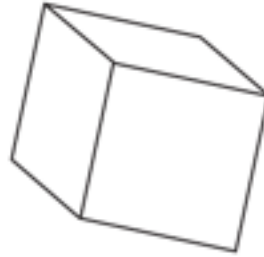


Minerals

Quartz

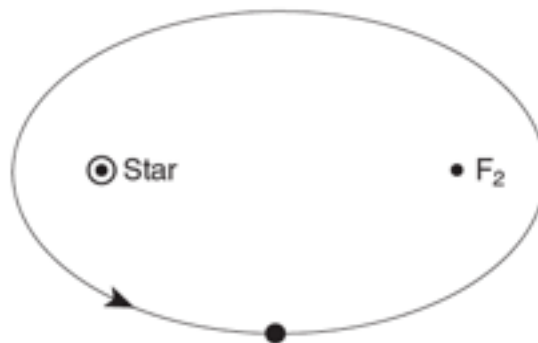


Halite

1. What is the hardness and composition of quartz? _____
2. What is the luster and form of breakage of halite? _____
3. What makes quartz different from halite? _____
4. What mineral has a metallic luster, hardness of 6.5 and is a brassy yellow color?

5. What mineral has a non-metallic luster, has cleavage and bubbles with acid?

6. What mineral has a greasy feel and is used in ceramics? _____

Eccentricity

1. What is the eccentricity of this ellipse? _____
2. When the planet gets close to the star, what happens to the velocity? _____
3. The more elliptical this ellipse gets...what happens to eccentricity? _____
4. Low eccentricity is what shape orbit....round or oval? _____