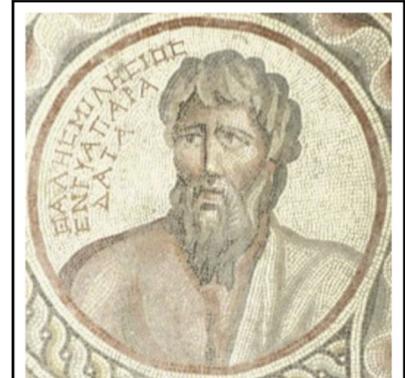


## Thales the Physicist (or Natural Philosopher)

1. How did Thales become rich?



*Thales*

2. How did Thales become famous?

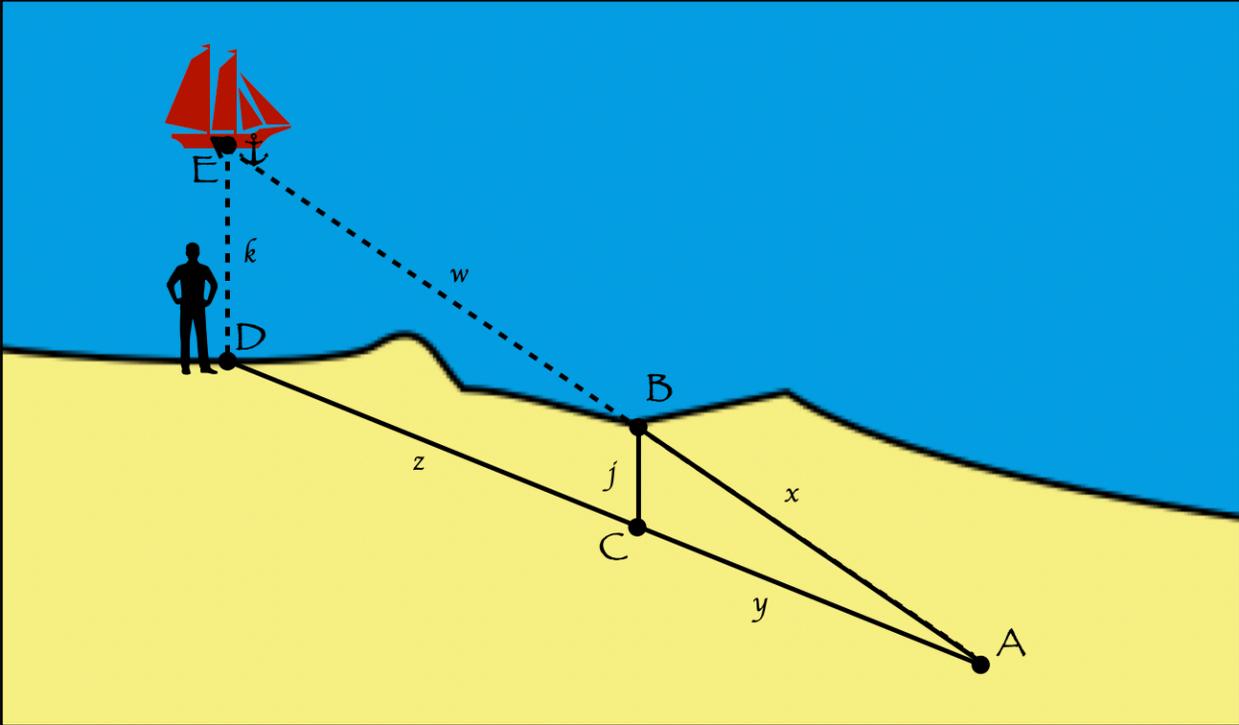
3. According to Thales, the moon and the sun are both made of earth, but how are the moon and the earth different from each other?

4. According to Thales, which is higher: the sun or the moon? According to him, which is further away from us: the sun or the moon? (The two questions have the same answer.)

5. According to Thales, what causes solar eclipses?



10. To answer the final question, consider the image below.



Recall how Thales was able to calculate the distance between the seashore and a ship that is anchored some distance offshore. According to him, it must be true that  $\frac{j}{y} = \frac{k}{z + y}$  as long as **what** is true about the relationship between line segments BC and DE?