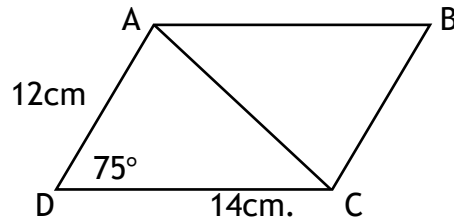


29. A parallelogram has sides 14cm and 12cm.
The angle between the sides is 75° .



- a) Calculate the area of the parallelogram.
b) Calculate the length of the diagonal AC.
30. The approximate mass of Earth is 5.87×10^{24} kg.
The approximate mass of Jupiter is 1.761×10^{27} kg.
How many times larger is the mass of Jupiter than the mass of Earth?