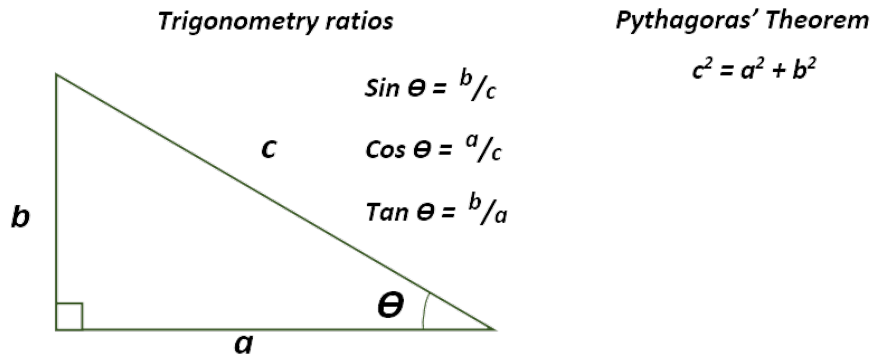
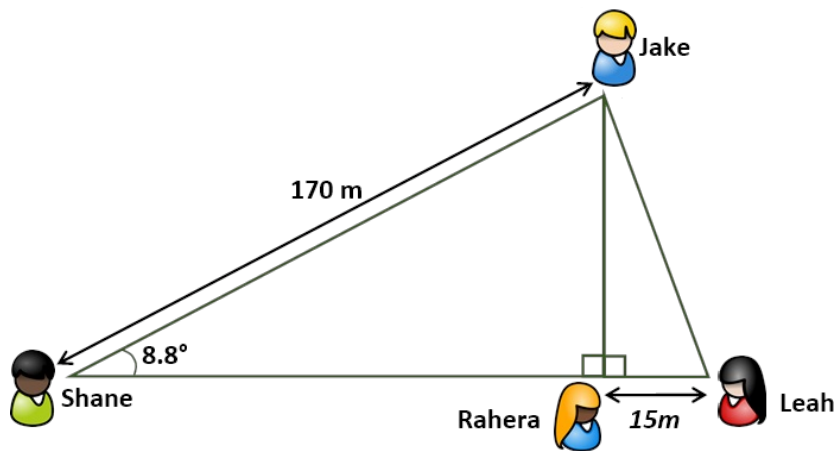


# Distance between people

This task is about using Pythagoras' theorem and trigonometry ratios to calculate distances.



Use the formulae above to answer the following questions.



Shane, Jake, Rahera, and Leah are standing in a paddock. What is the distance between

- i. Jake and Rahera?  metres
- ii. Shane and Rahera?  metres
- iii. Jake and Leah?  metres