

What Goes Around Copymaster 2

Station 2

In this station you design a house for the Affluent family.

Resources

Squared paper (1 cm)

Scissors

30 cm rulers



1. Mr and Mrs Affluent want you to design their new house. They give you the following sizes for the rooms of the house.
Living Room: 48 square metres Bathroom: 8 square metres
Dining Room: 12 square metres Laundry: 6 square metres
Kitchen : 12 square metres Toilet: 2 square metres
Bedroom One: 24 square metres Bedroom Two: 16 square metres
Bedroom Three: 20 square metres Bedroom Four: 12 square metres
Conservatory/Entrance: 12 square metres
2. Use squared paper, with a scale of 1 cm = 1m to design the house. You may find it easier to cut each room out of paper first so it can be moved around. Remember to keep passage ways down to a minimum.
3. When your house plan is complete draw it showing the side lengths and areas of each room. Record the wall lengths of the house and its total area.