Unit 111: Roofing occupations

# Worksheet 8: Backgrounds and components (learner)

1. State **three** types of access equipment commonly used in the roofing industry.
2. State the correct ratio and angle of a ladder.
3. State who should erect working platforms, and the reason why.
4. Explain the reason why it is important to identify and report defects in scaffold components.
5. State why some types of underlay should not be exposed at the eaves.
6. State **one** suitable material used to form a fire stop between properties.
7. What is meant by delaminating when applied to clay tiles?
8. What is the **main** purpose of the roofing battens?
9. State the batten sizes most commonly used in slating and tiling.
10. List **two** factors that influence the size of roofing battens.
11. For a roof area of 100m² calculate the total length of batten required at 3.3m of batten per m².
12. State three reasons why battens would be rejected for reuse.
13. Determine the single lap tile batten gauge given the following information.

Tile size – 265mm

Headlap – 65mm

1. State three checks to be made on the roof timbers before re-roofing takes place.
2. Identify **two** methods of removing waste material from scaffold to ground level.
3. State the minimum felt overlap normally recommended for roofing underlay on open rafters.
4. If one roll of underlay has a net coverage of 12m², how many full rolls are needed for a roof area of 78m²?
5. State the advantages of breather membrane felt when applied to roof surfaces.
6. Identify the recommended maximum and minimum overhang when applying fibre cement strips to verges.
7. Identify **three** main pieces of information that can be found in the manufacturer’s instructions.
8. Identify the three components of flashings shown below.







1. State a method for ensuring the roof is square.
2. Explain where a hip iron is used and the method of fixing it.
3. Explain the reason for allowing sag in the underlay when applying battens.
4. Explain the reason for striking perp lines to roof areas.
5. Explain the purpose of ventilating roof areas.
6. State where insulation would be located in a warm roof.