

WORKSHEET CHAPTER 2 Advanced roofing

Date _____

Student _____

1 Why do the level differences measurements need to be found for the side cuts of hip and creeper rafters?

2 What is meant by 'level shortening'?

3 Explain why the distance from the acute angle corner of the oblique end to the centring rafter is equal to half the end plus half the offset.

4 Why are the walls for an unequally pitched roof at different heights?

5 At what angle must the rule be held when marking off the shortening distance for the crown end rafter as measured from the plan?

6 Which two roofs are covered in this chapter?

7 In setting out an unequally pitched roof, what is the reason for moving the XY line down to the fascia line?

8 Explain, using relevant diagrams, how the true length of the common rafters to an unequally pitched roof can be calculated.

9 Describe, using sketches if necessary, a practical method by which the unequally pitched hip in an unequally pitched roof can be marked to length and fixed.

10 What is the best method to determine the length of the hip rafters?
