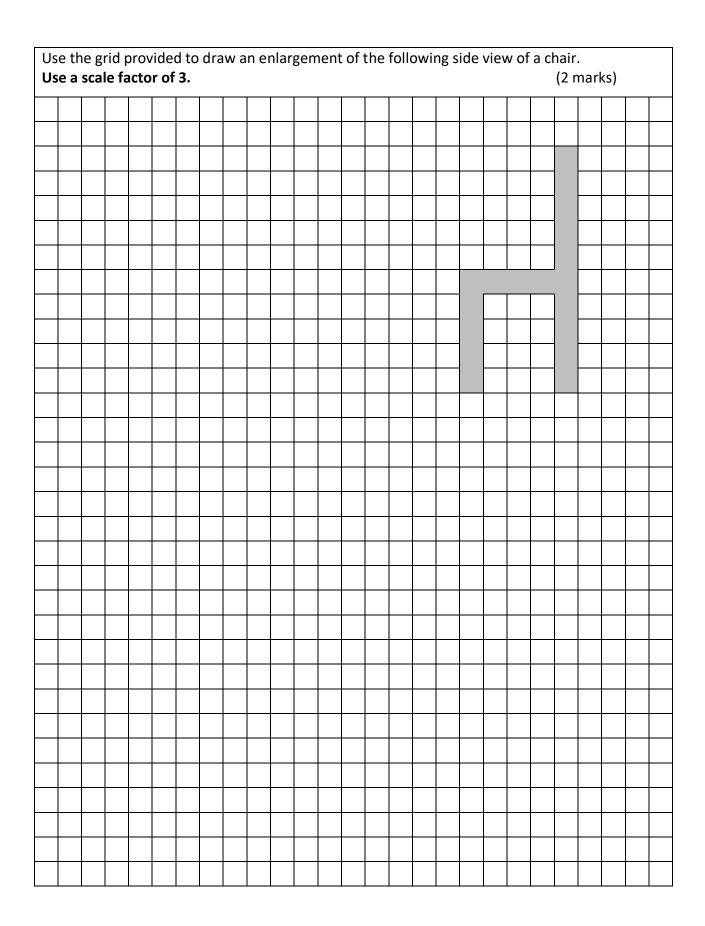
Workplace Mathematics 11

Unit 7 Project: Learning Guides 18-20 SCALE

Student: T.A.:	MARK:	′1(
Teacher:		
COMPLETING THIS UNIT PROJECT		
ACTIVITIES:		
Complete the following activities:		
PART I:		
☐ Scale Drawing		
PART II:		
☐ Scale Statement & Factor	r	
PART III:		
□ Scale		
PART IV:		
☐ View Perspectives		
Read through the information given and use it to comp answer each question and clearly show <u>all</u> of your work		

PART I - Scale Drawing



PART II - Scale Statement and Factor

A hockey player measures **1.9 m tall**. He is **5 cm tall** on a hockey card.

- a) Write a scale statement for this hockey card. (1 mark)
- b) What scale factor was used to make the card? (1 mark)

PART III - Scale

A beluga whale that is **actually 4.2 m long** is represented in a children's picture book with the following picture.



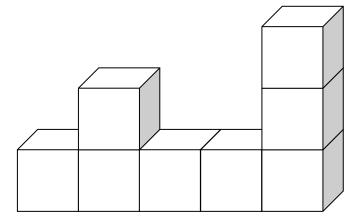
a) Measure the drawing and write a scale statement for the picture. (1 mark)

b) An alligator is drawn in the same scale. In the drawing it is **5.9 cm long**. How long is the actual alligator? (1 mark)

c) How tall will an ostrich be in the picture if it is actually 1.9 m tall? (1 mark)

PART IV - View Perspectives

Draw the top, front, and side view of this set of blocks:



(3 marks)

Top View:

Front View:

Side View: