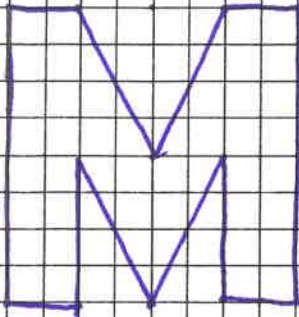


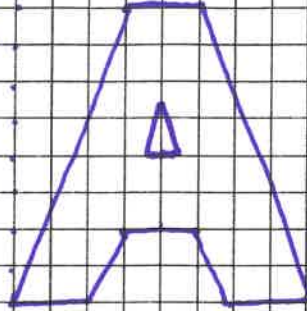
4.1 pg 136 worksheet.

paperprintout.com

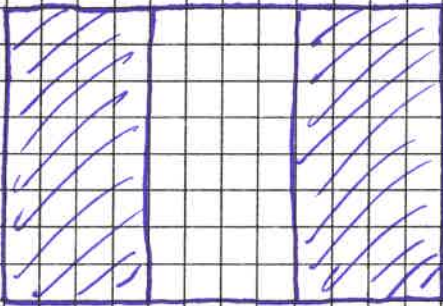
4a.



4b.



5.



6a.



6b.



paperprintout.com

7. **a)** greater than 1 **b)** equal to 1 **c)** less than 1

8.



9. **a)** enlargement **b)** 100. The lens makes all dimensions of the original image appear to be enlarged by 100 times.

10. Examine the font used in both posters. Mia's font is 0.5 cm high, and Hassan's is 0.25 cm high. Mia's font is twice the height of Hassan's, so the scale factor is 2.

11. Example: Measure the width of the sunglasses in both images. Determine the scale factor. Then, see if the scale factor applies to another pair of corresponding parts (e.g. the width of the mouth).

12. **a)** width = 27 cm, length = 54 cm

b) width = 4.5 cm, length = 9 cm