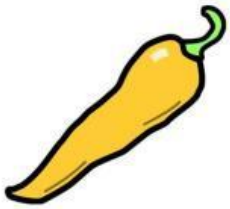
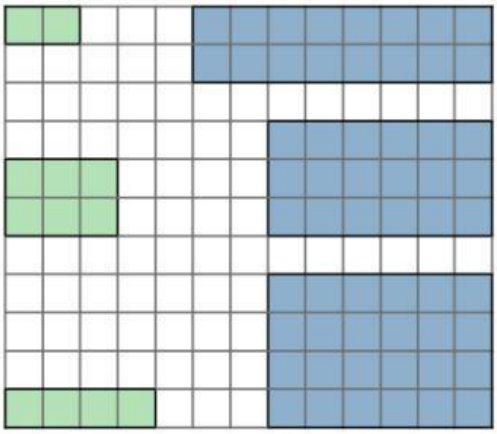


Ratio and Proportion

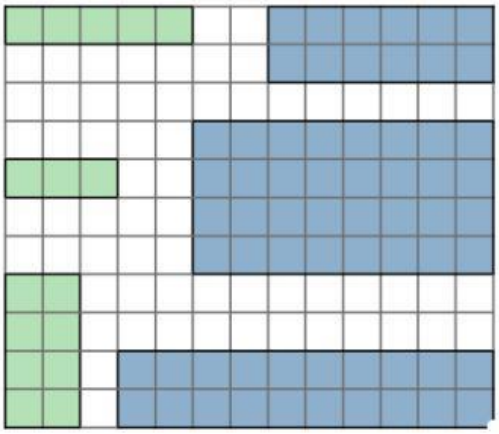


Similar Shapes

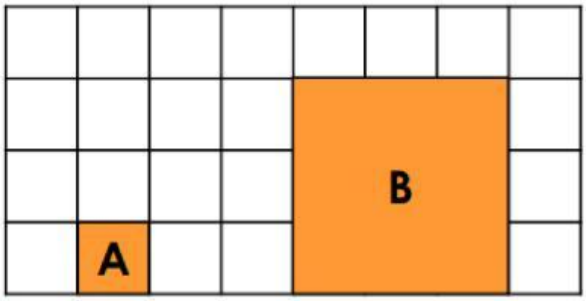
2a. Match the similar shapes.



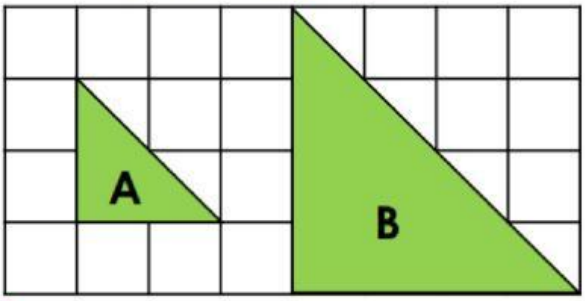
2b. Match the similar shapes.



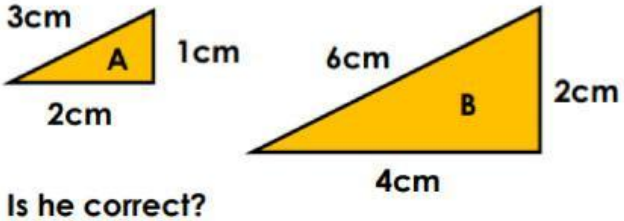
1a. Complete the sentence below. Shape A has been increased by a scale factor of _____ to create shape B.



1b. Complete the sentence below. Shape A has been increased by a scale factor of _____ to create shape B.



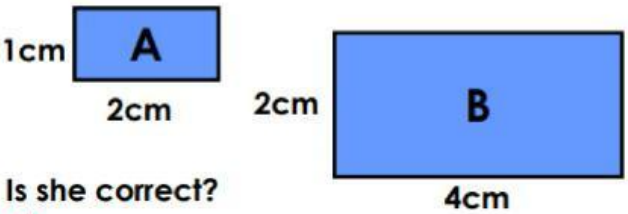
2a. Will says he has enlarged his shape by a scale factor of 2. Shape B is his new shape.



Is he correct?

Not to scale

2b. Annie says she has enlarged her shape by a scale factor of 3. Shape B is her new shape.

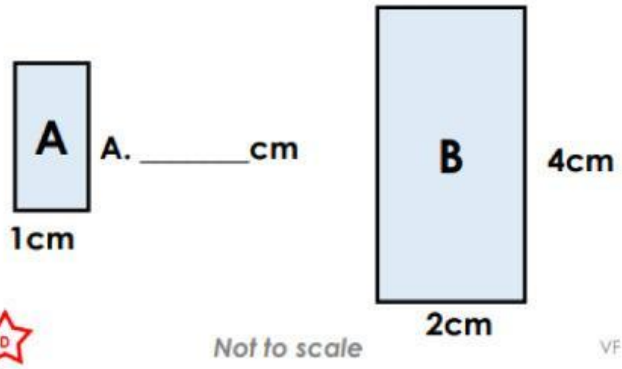


Is she correct?

Not to scale

LIVEWORKSHEETS

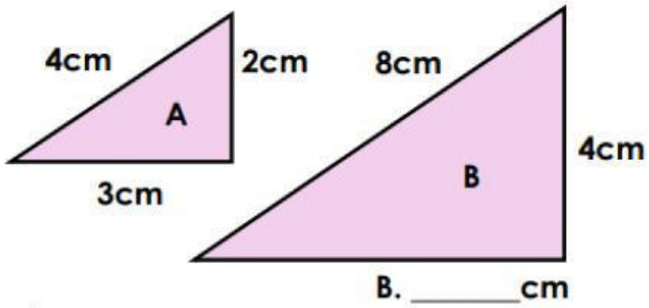
3a. Rectangle B has been scaled from rectangle A. Find the missing length.



Not to scale

VF

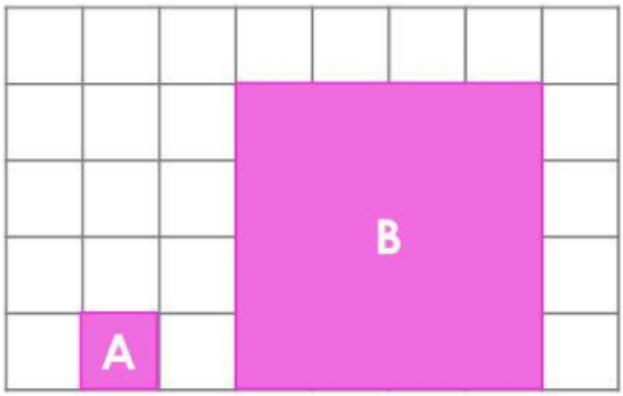
3b. Triangle B has been scaled from triangle A. Find the missing length.



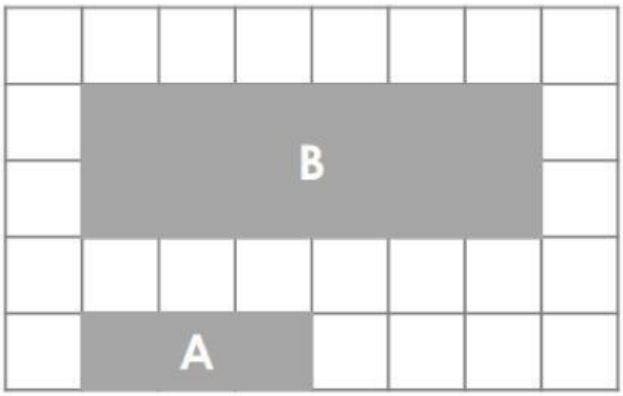
Not to scale

VF

1. Circle the scale factor used to enlarge each shape. Each square is 1cm².



2 3 4



2 3 4

VF
HW/Ext

2. A boy is making scale models of his collection of action figures. Complete the table below.

	Height of original figure (cm)	Height of new figure (cm)	Scale Factor increased by
Figure A	4		3
Figure B	8	16	
Figure C		24	4
Figure D	9	45	

LIVEWORKSHEETS