

53 THE RATIO OF ENLARGEMENTS

Max enlarged six shapes, each by a different scale factor.

These give the ratio of

the area of the image : area of the original shape
for each one.

By what scale factor did he
enlarge each of his shapes?

- a 4 : 1 b 16 : 1
c 9 : 1 d 1 : 1
e 25 : 1 f **Challenge** 1 : 4



Think about a scale
factor that will give
a smaller image.

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