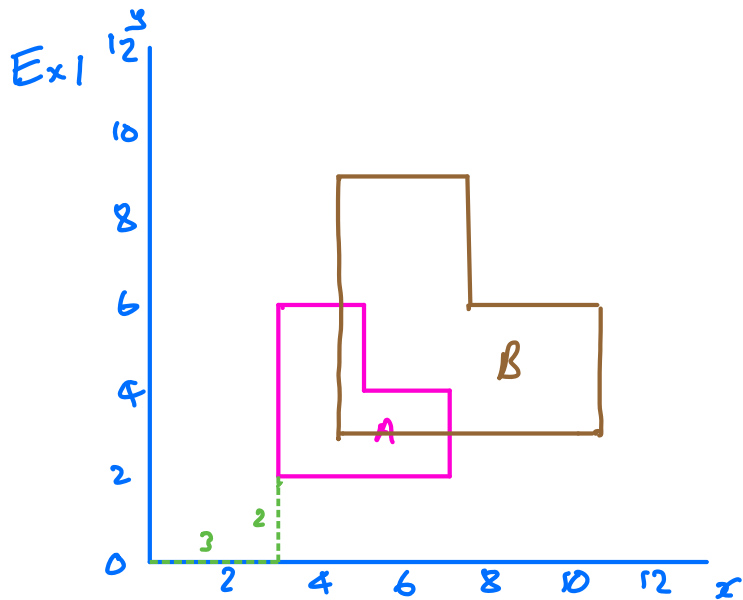
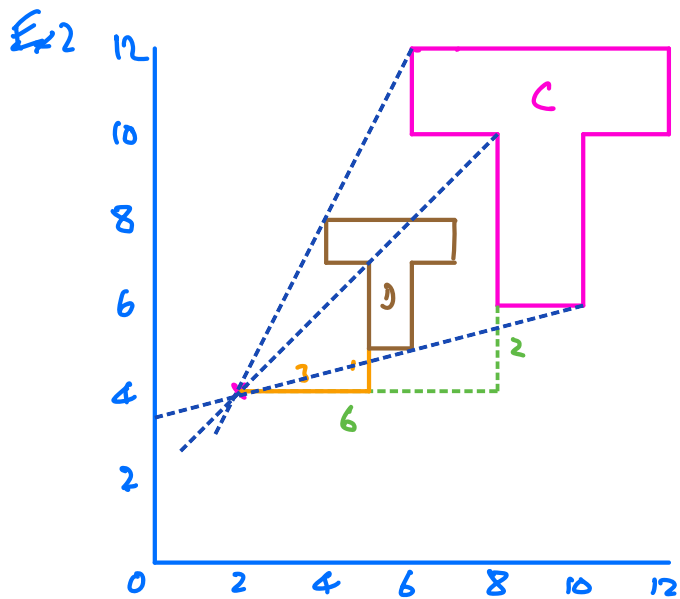


Enlargements

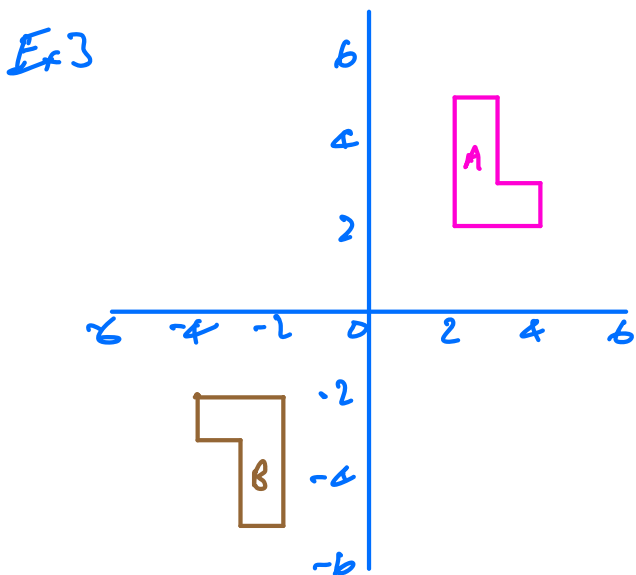


Enlarge A by s.f. 1.5 about (0,0) to give B



Enlarge C by s.f. $\frac{1}{2}$ about (2,4) to give B

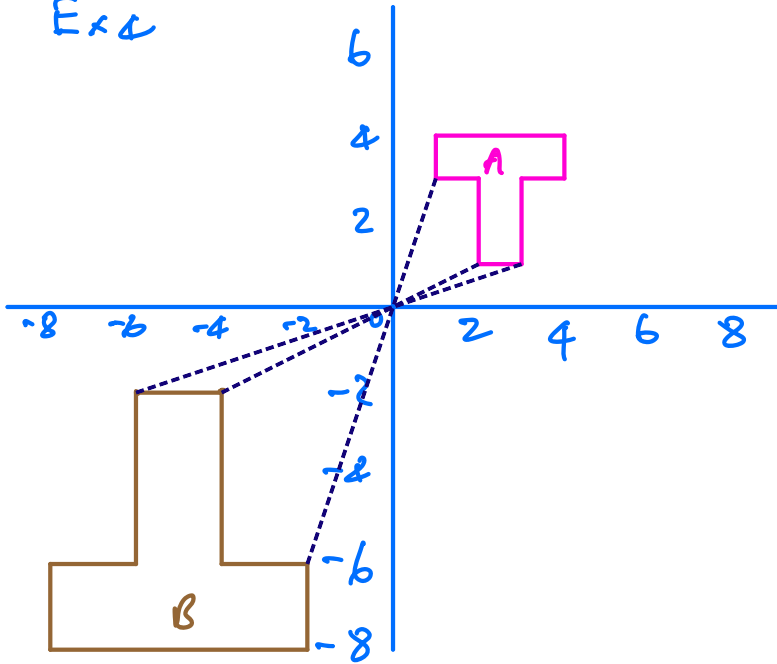
Negative Scale Factors



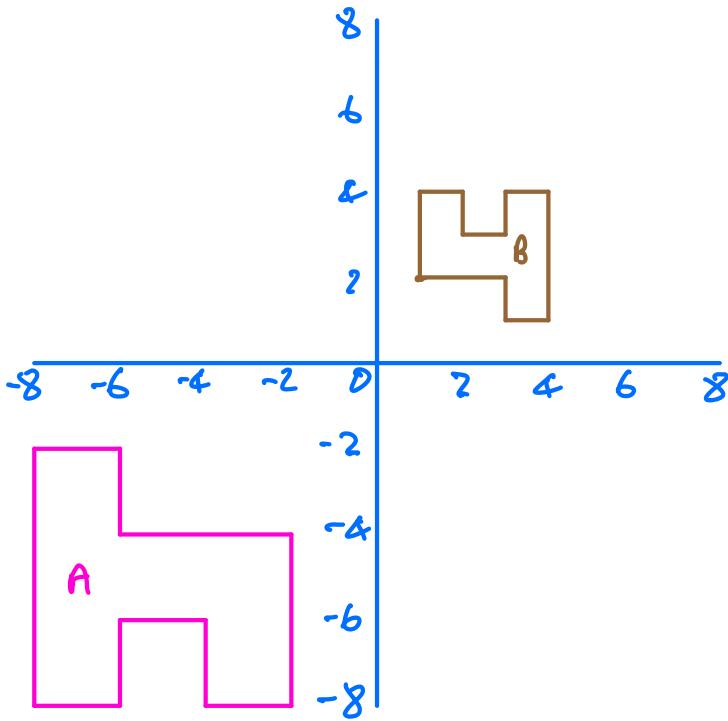
Enlarge A by s.f. -1 about (0,0) to give B

This is equivalent to rotating by 180° about (0,0)

Ex 4

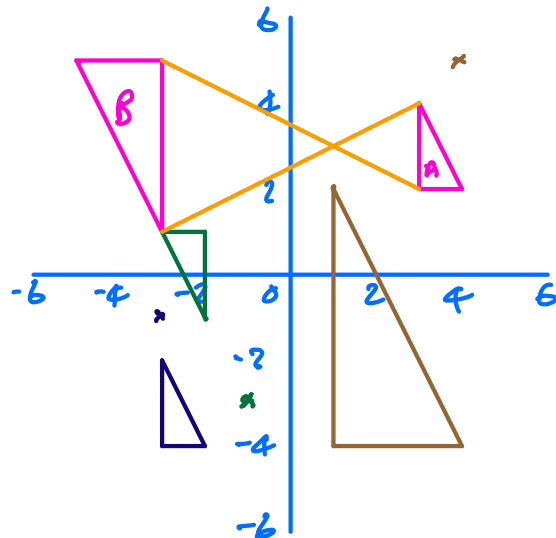


Enlarge A by s.f -2
about $(0,0)$ to give B



Enlarge A by scale
factor $(-\frac{1}{2})$ about $(0,0)$

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d) s.f $\frac{1}{2}$
centre of enlargement $(1,3)$

e) s.f 2 about $(1,3)$

f) s.f -1
centre $(-2.5, -1.5)$

s.t -1

g) centre $(-2.5, -1.5)$