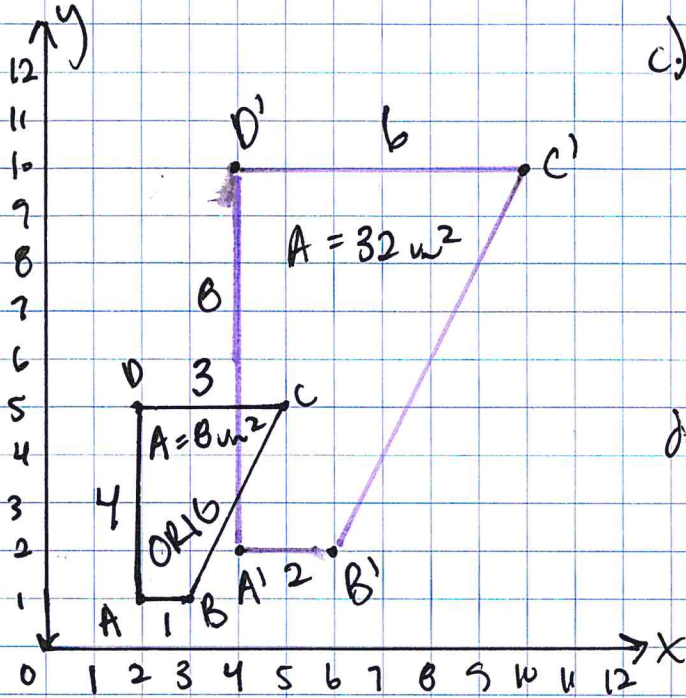


b.2.1 # 42-44, 46, 49, 50
 ↳ #49 + 50 need sent! + math

6-42

2.)



c.) $A(2,1)(2) = A'(4,2)$
 $B(3,1)(2) = B'(6,2)$
 $C(5,5)(2) = C'(10,10)$
 $D(2,5)(2) = D'(4,10)$
 Dilated by 2.

d.) Side lengths = doubling

Areas =

$$A = \frac{h(b_1 + b_2)}{2}$$

6-43 Dilate by $\frac{1}{2}$

A: $(\frac{1}{2})(-2, -4) = (-1, -2)$
 $(\frac{1}{2})(6, -4) =$
 $(\frac{1}{2})(8, -6) =$

When I multiplied by all the coordinates by $\frac{1}{2}$...

Dilate by 1

B: $(1)(-2, -4) =$
 $(1)(6, -4) =$
 $(1)(8, -6) =$

When 1 ...

Dilate by -1

C: $(-1)(-2, -4) =$
 $(-1)(6, -4) =$
 $(-1)(8, -6) =$

When 1 ...

Dilate by -2

D: $(-2)(-2, -4) =$
 $(-2)(6, -4) =$
 $(-2)(8, -6) =$

When 1 ...

graph
 in
 each
 xy
 set
 9 to
 +9

No graph