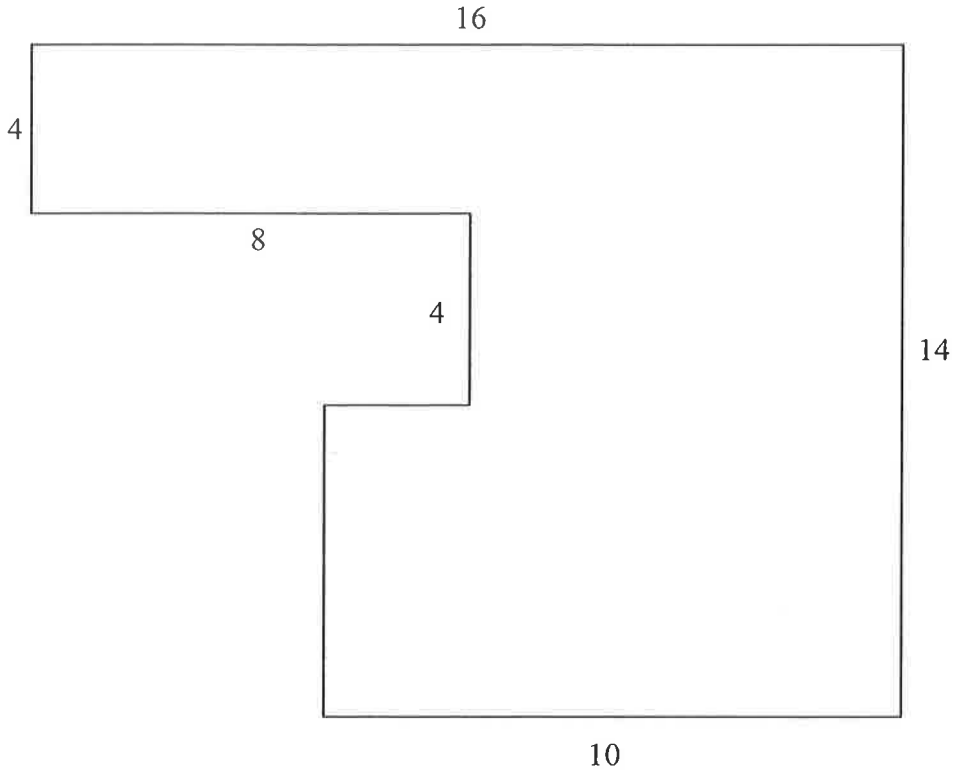
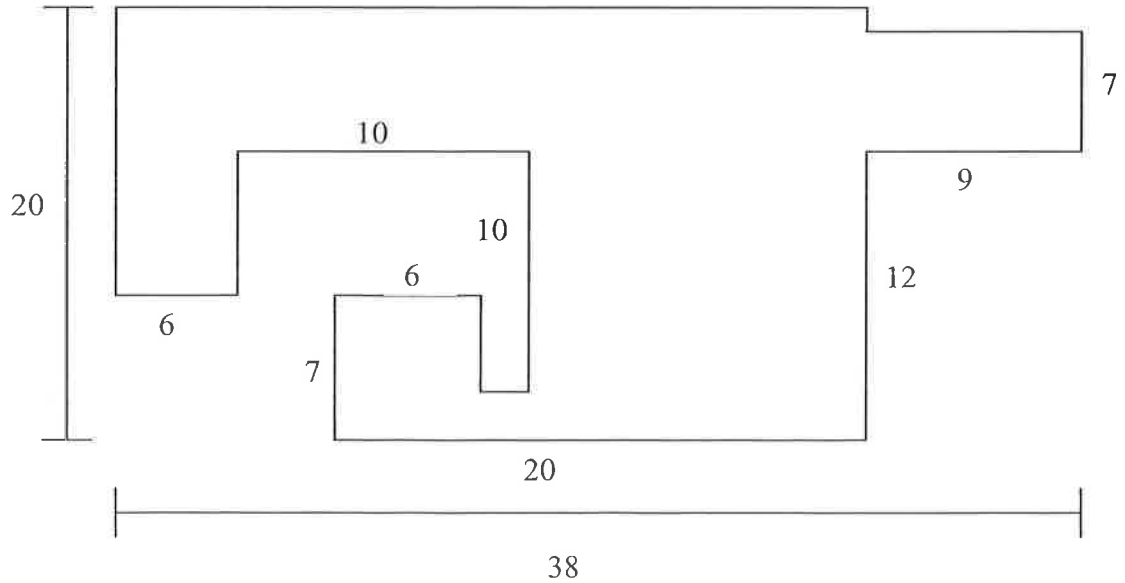
5.2 PRACTICE

1. Find the perimeter and area of the figure



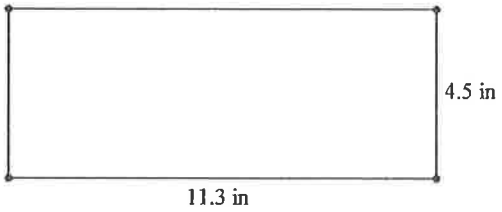
2. Find the perimeter and area of the figure



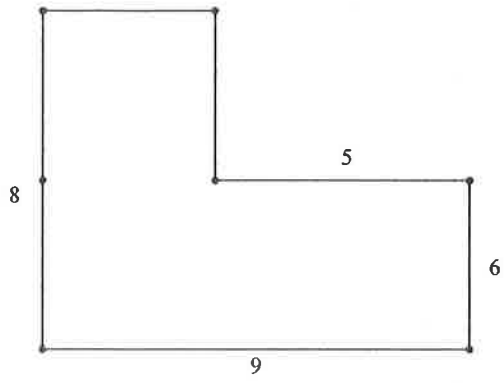
Your Turn to Try!! Name: _____

Directions: Find the area of each figure below. Show all work.

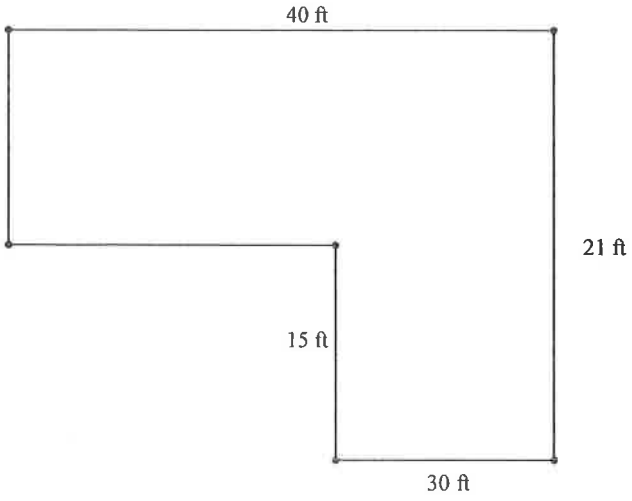
1.



2.



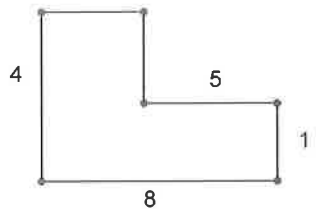
3. Rudy is buying lawn feeder for the lawn shown below. Given the dimensions, estimate the number of square feet of feeder he would need to buy. (figure is not drawn to scale).



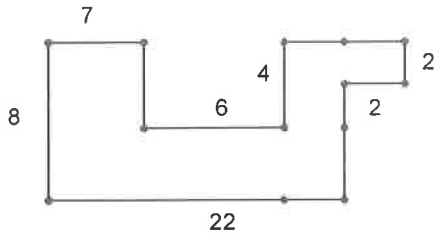
Adding Up Area Name: _____

Directions: Find the area of each figure below. Show all work.

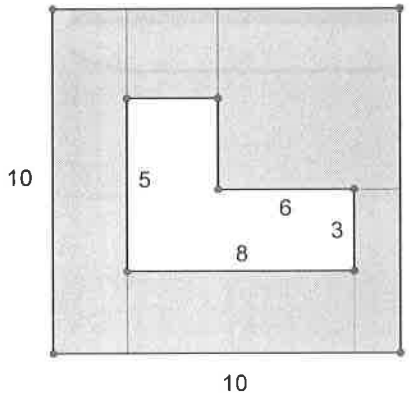
1.



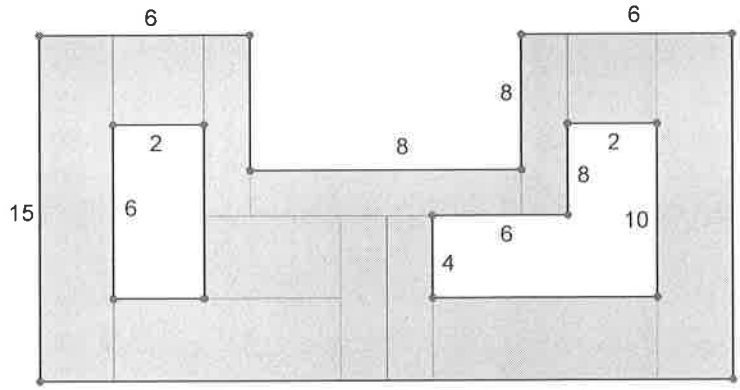
2.



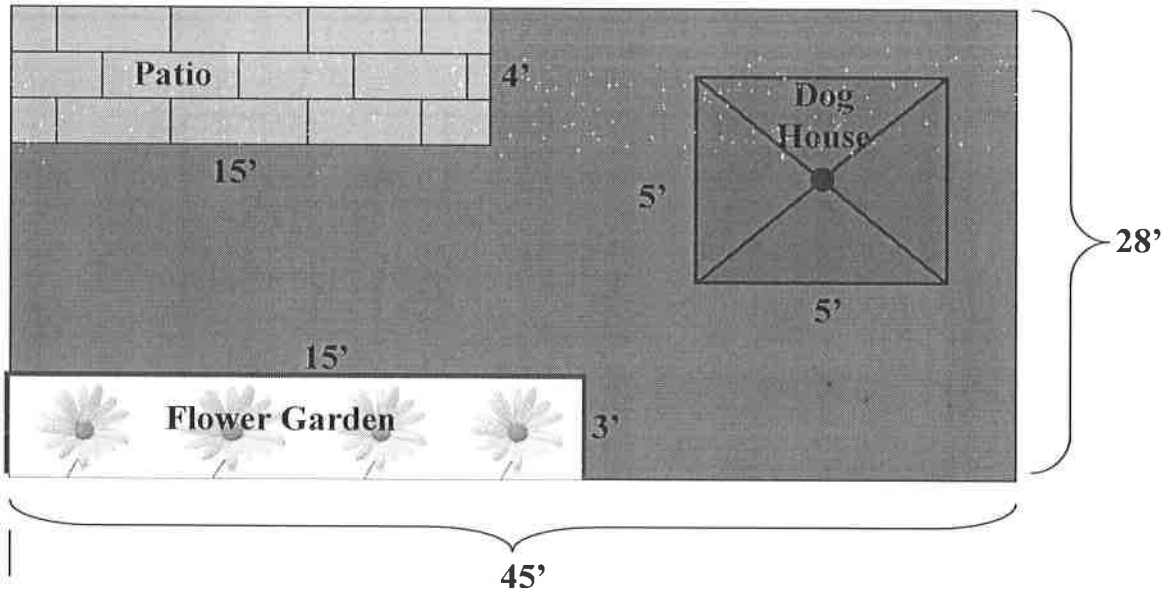
3.



4,



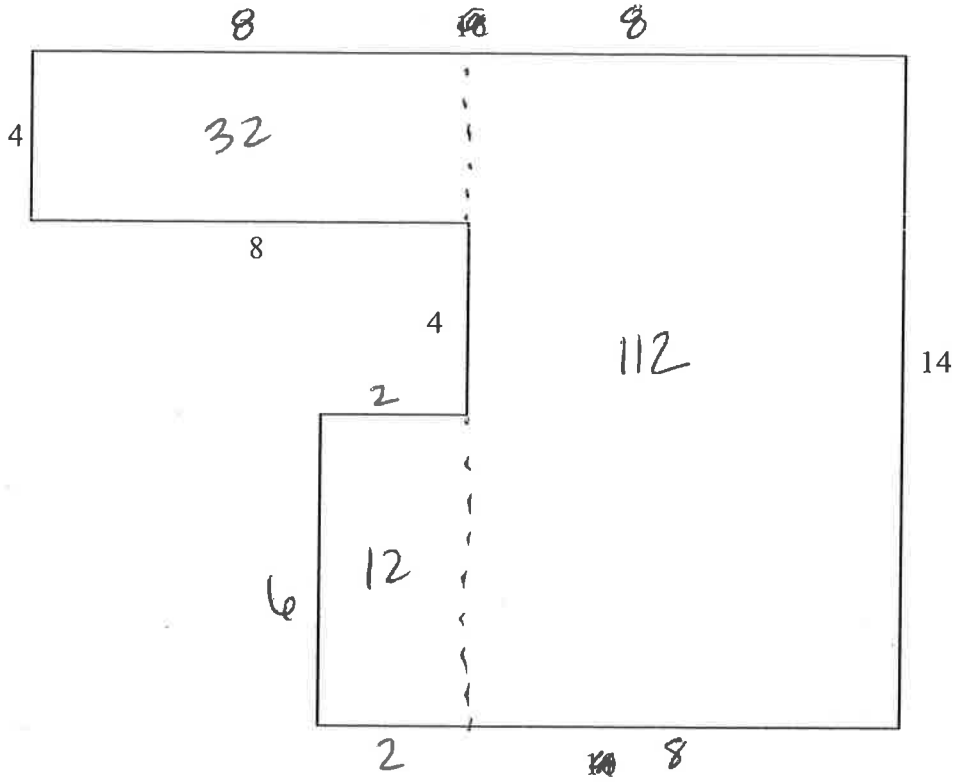
5. Franklin wants to re–sod his backyard. Given the dimensions and diagram below, determine the amount of sod he would need (in ft^2).



Key

5.2 PRACTICE

1. Find the perimeter and area of the figure



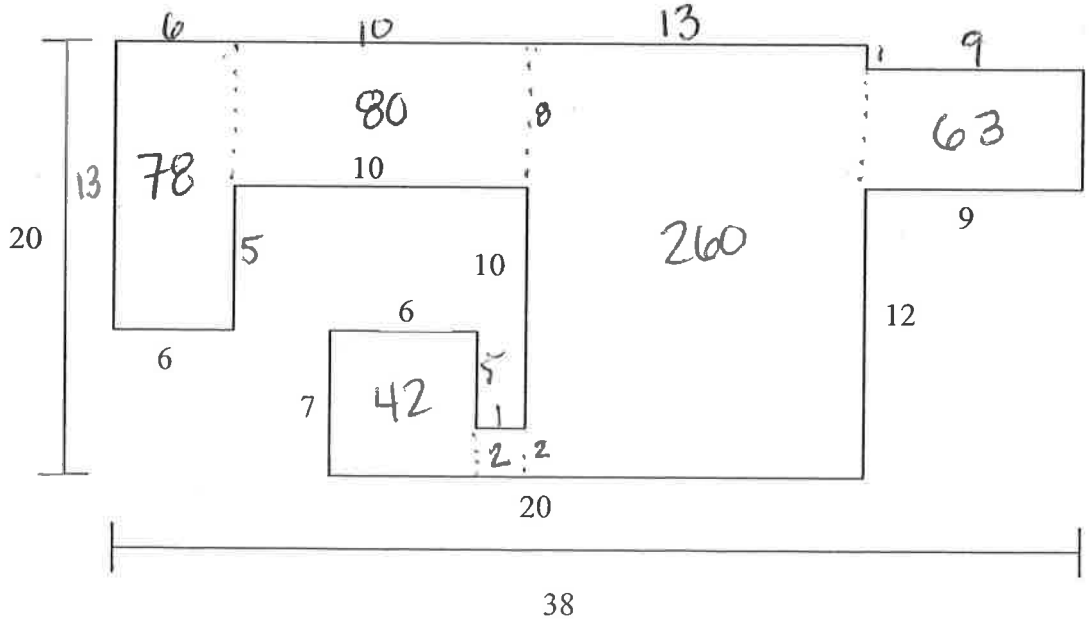
$P = 16+14+10+6+2+4+8+4 =$

64

$A = 32+112+12$

$= 156$

2. Find the perimeter and area of the figure



$P = 6+10+13+1+9+7+9+12+20+7+6+5+1+10+10+6+13+5$

150

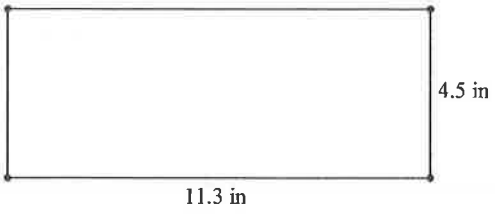
$A = 78+80+260+63+7+42 =$

525

Your Turn to Try!! Name: __ANSWER KEY~~Key~~__

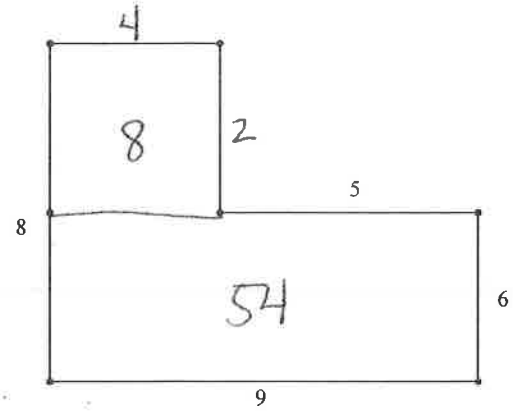
Directions: Find the area of each figure below. Show all work.

1.



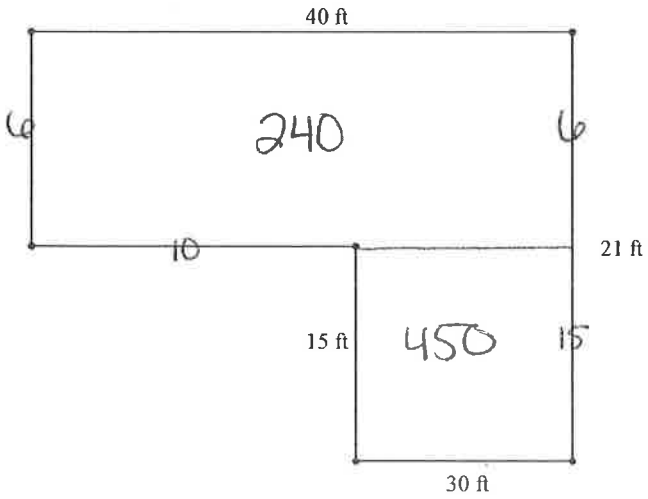
Area = 50.85 sq. in. P= 31.6 in

2.



Area = 62 P= 34

3. Rudy is buying lawn feeder for the lawn shown below. Given the dimensions, estimate the number of square feet of feeder he would need to buy. (figure is not drawn to scale).

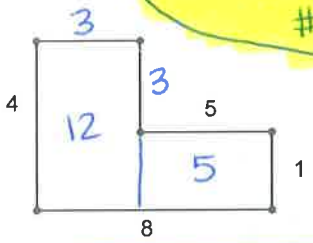


Area = 690 sq. ft.

Adding Up Area Name: __ANSWER KEY__

Directions: Find the area of each figure below. Show all work.

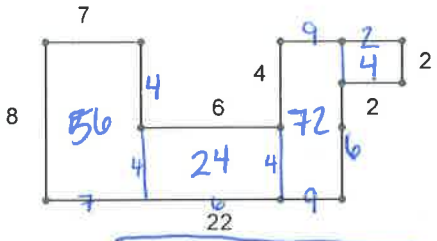
1.



Perimeter for #1 & 2

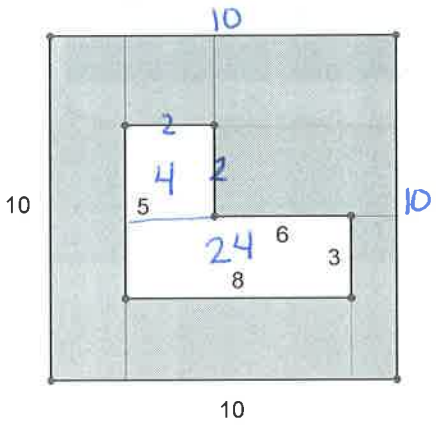
Area = 17 P = 24

2.



Area = 156 P = 72

3.



$A_{whole} = lw = 10 \times 10 = 100$

$A_{unshaded} = 4 + 24 = 28$

$A_{shaded} = 100 - 28 = 72$

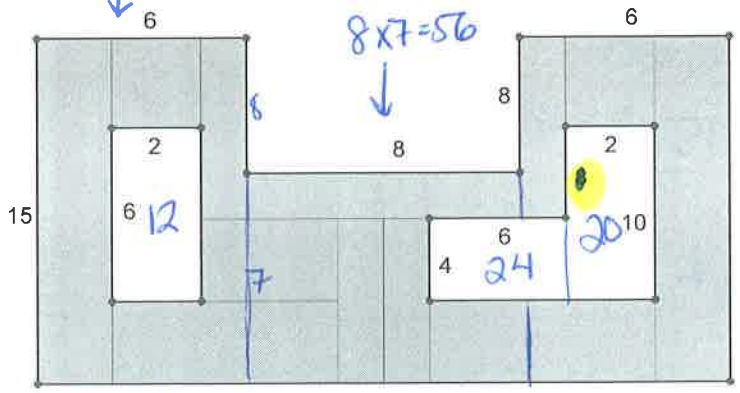
Area = 72

4.

6 × 15 = 90 ↓ 6

8 × 7 = 56 ↓ 8

6 × 15 = 90 ↓ 6



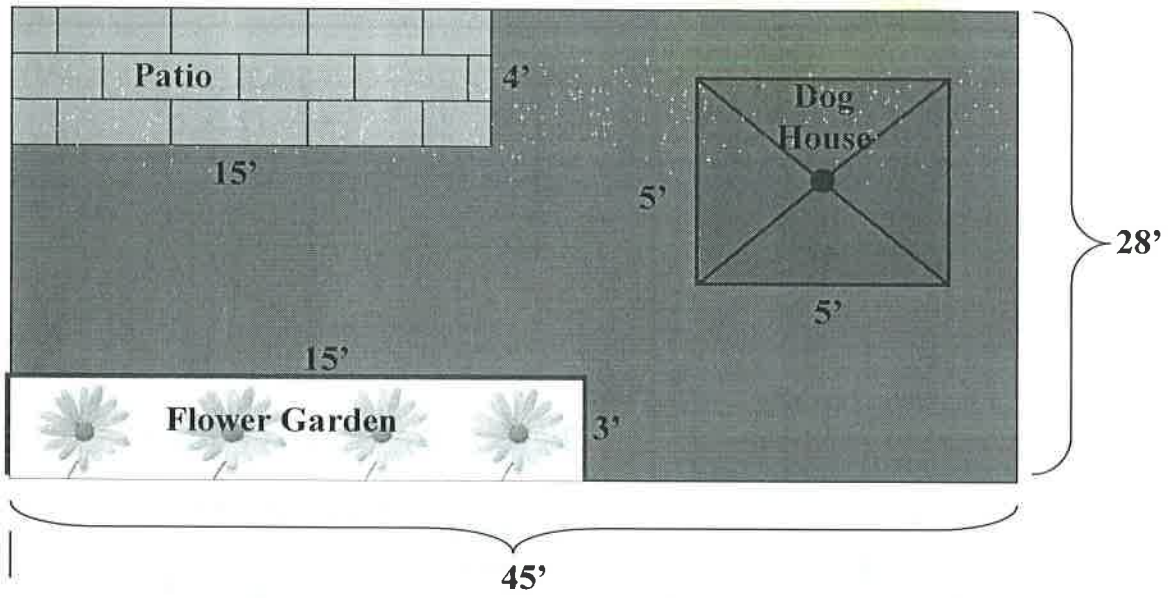
$A_{whole} = 90 + 56 + 90 = 236$

$A_{unshaded} = 12 + 24 + 20 = 56$

$A_{shaded} = 236 - 56 = 180$

Area = ~~196~~

5. Franklin wants to re–sod his backyard. Given the dimensions and diagram below, determine the amount of sod he would need (in ft^2).



Area = ~~1121~~ square feet

Whole = 28 x 45 = 1260

Patio = 4 x 15 = 60

Dog House = 5 x 5 = 25

Flower Garden = 15 x 3 = 45

Re-Sod = 1130 ft^2