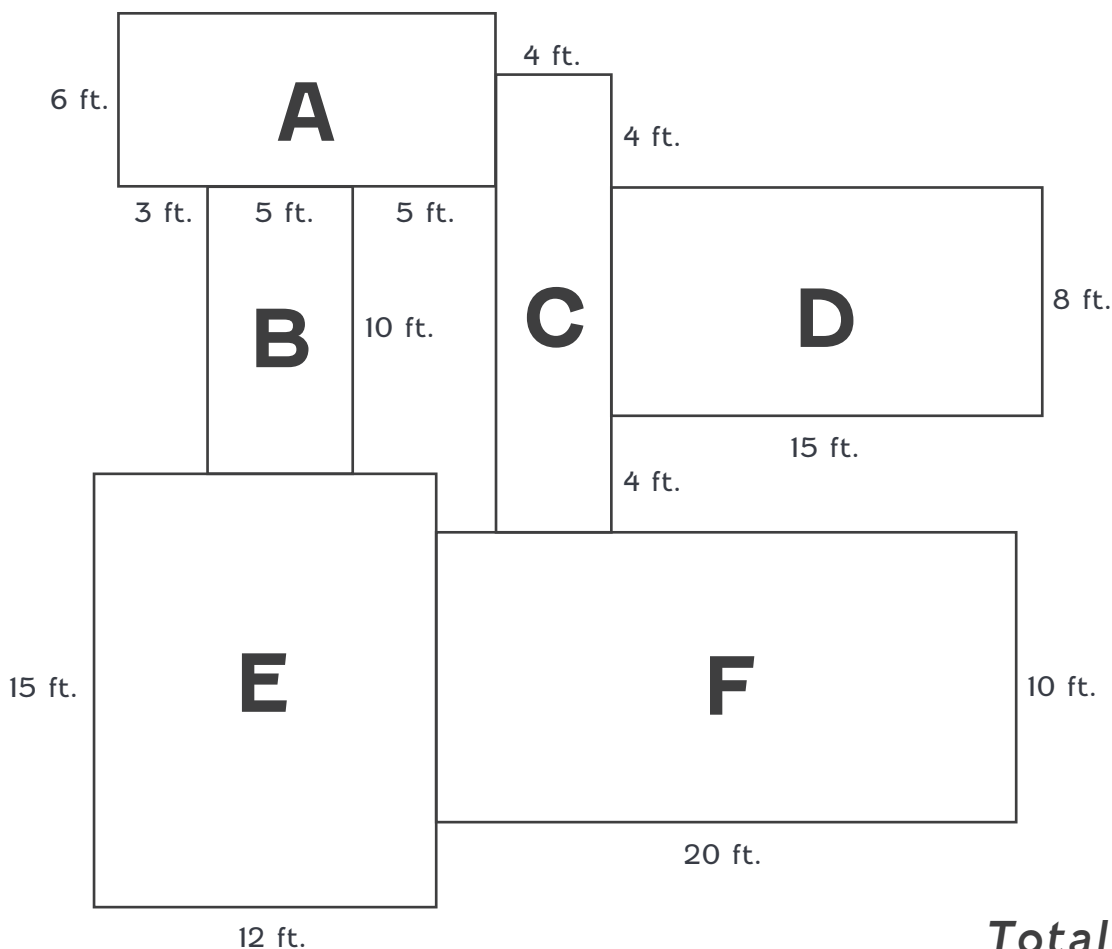Name _____

Date _____ **Answer Key**

Practice Finding Area:
Victor the Vacuum

Victor the Vacuum needs to clean all the carpets in the house. Help him calculate the area of the floors.

Directions: Find the area of each rectangle, and then add all the numbers you find to get the total area. Be sure to answer the challenge question below! **Remember: Area = length x width**

6 ft.

A

4 ft.

4 ft.

3 ft.　　5 ft.　　5 ft.

B　10 ft.

C　　**D**　8 ft.

15 ft.

4 ft.

15 ft.

E

F　10 ft.

12 ft.

20 ft.

EXAMPLE:

A = __**78**__ ft.²

B = __**50**__ ft.²

C = __**64**__ ft.²

D = __**120**__ ft.²

E = __**180**__ ft.²

F = __**200**__ ft.²

Total area = __**692**__ ft.²

Challenge! Victor earns $2 per square foot of carpet vacuumed. How much will he earn for cleaning this house?

2 x 692 = $1,384