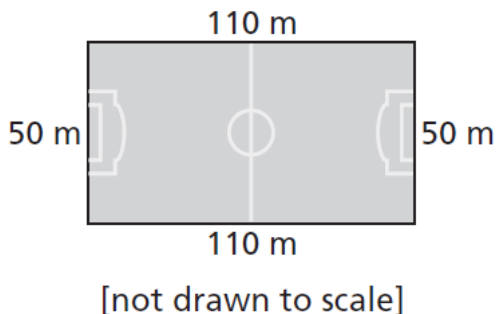


### Post-Assessment Survey Answer Key

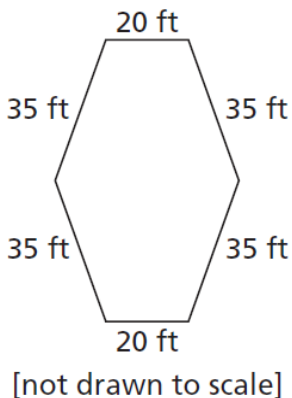
1. A drawing of a soccer field is shown below.



What is the perimeter, in meters, of the soccer field?

- A 160
- B 270
- C 320
- D 5,500

2. Amy wants to build a fence around her garden, as shown below.

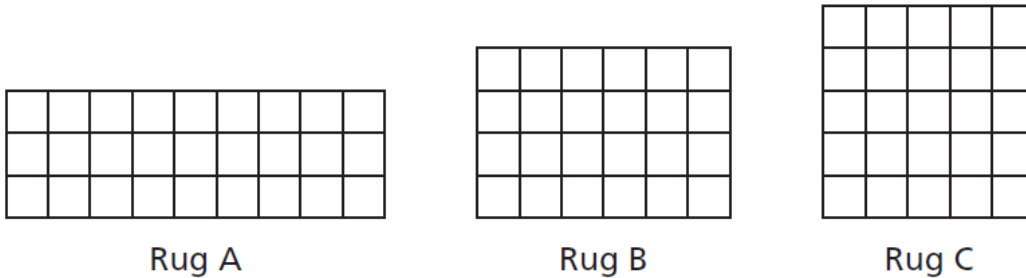


How many feet long must the fence be in order to go all the way around Amy's garden? Show your work.

180 feet

$$20 \text{ ft} + 35 \text{ ft} + 35 \text{ ft} + 20 \text{ ft} + 35 \text{ ft} + 35 \text{ ft} = 180 \text{ ft}$$

3. Ms. Garcia is shopping for a new rug.



Ms. Garcia compares the perimeters of the rugs. Which two rugs have the same perimeters?  
Show your work.

Rug A:  $2 \times (3 + 9) = 24$

Rug B:  $2 \times (4 + 6) = 20$

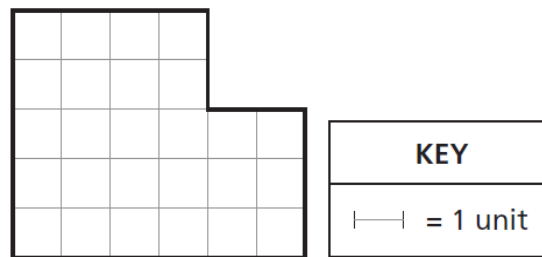
Rug C:  $2 \times (5 + 5) = 20$

Rug B and Rug C have the same perimeter (20 units)

4.

King City is building a new playground in a park. The diagram of the new playground is shown on the grid below.

### KING CITY PLAYGROUND



What is the perimeter, in units, of the playground?  
Show your work.

Perimeter = 22 units

$5 \text{ units} + 4 \text{ units} + 2 \text{ units} + 2 \text{ units} + 3 \text{ units} + 6 \text{ units} = 22 \text{ units}$