

STUDENT A: CARPENTER

You open the front door and notice that it is squeaking. To replace the door, measure the perimeter before you go to the store.

STUDENT A: CARPENTER

You notice that one side of the roof is leaking and needs new shingles. Measure the perimeter of one side of the roof, then buy shingles at the store.

STUDENT A: CARPENTER

You want to choose a new carpet for your house.

Find the area of the carpet you will need before you go to the carpet store.

STUDENT B: WINDOW EXPERT

You decide to install a window with five sides.

Measure the perimeter of the pentagon before you buy the glass.

STUDENT B: WINDOW EXPERT

You have always liked windows with six sides.

Measure the perimeter of the hexagon and then
buy the window at the store.

STUDENT B: WINDOW EXPERT

On a boat, most windows are shaped like circles and are called portholes. Measure the perimeter of the circle window you want for your house.

STUDENT B: WINDOW EXPERT

Uh-oh! Your neighbor accidentally hit a baseball through your three-sided window. Find the area of the triangle window you need to buy at the store.

STUDENT C: PAINTER

You want to hang a fancy border on the inside walls. Find the length of border you'll buy (hint: measure the perimeter of the carpet).

STUDENT C: PAINTER

You decide to paint the front door. Find the area of the door before you head to the store to buy paint.

STUDENT C: PAINTER

You want to paint the front of the house. Find the area you need to paint. Remember to subtract the area of the window and door from the total area!

STUDENT D: GROUNDKEEPER

You decide to build a fence around the perimeter of the yard to keep the deer out. What length of fence will you buy at the store?

STUDENT D: GROUNDSKEEPER

It's hot outside and you want to install a pool.

Measure the perimeter of the pool before you go
to the store.

STUDENT D: GROUNDSKEEPER

You want to add new dirt to the vegetable garden so that your plants will grow. Find the area of the dirt you'll buy at the store.