

### Window

Add up the dots in the directions indicated by the arrows.

Two dominoes are shown. The first domino has 1 dot on the left half and 4 dots on the right half. The second domino has 2 dots on the top half and 3 dots on the bottom half. Arrows point down from above each domino. An equals sign is to the right of the second domino.

Two dominoes are shown. The first domino has 3 dots on the top half and 2 dots on the bottom half. The second domino has 1 dot on the left half and 3 dots on the right half. Arrows point right to the left side of each domino. An equals sign is to the right of the second domino.

Below each domino in the second row is an equals sign.

Write the sums next to or below the equal signs.

Take a domino and create other windows like these.



## Actor

Richard is a theater student and works weekends as a clown and entertainer at children's parties.

He performs a show that lasts 45 minutes each time.

Last Saturday he had three sessions, starting the first at 10:00 am. After this session, he took a break to rest and eat something.

The second session began at 1:00 pm.

Before the third session, he took a break as long as the one he took between the first and second sessions.

The trip home took him 75 minutes.

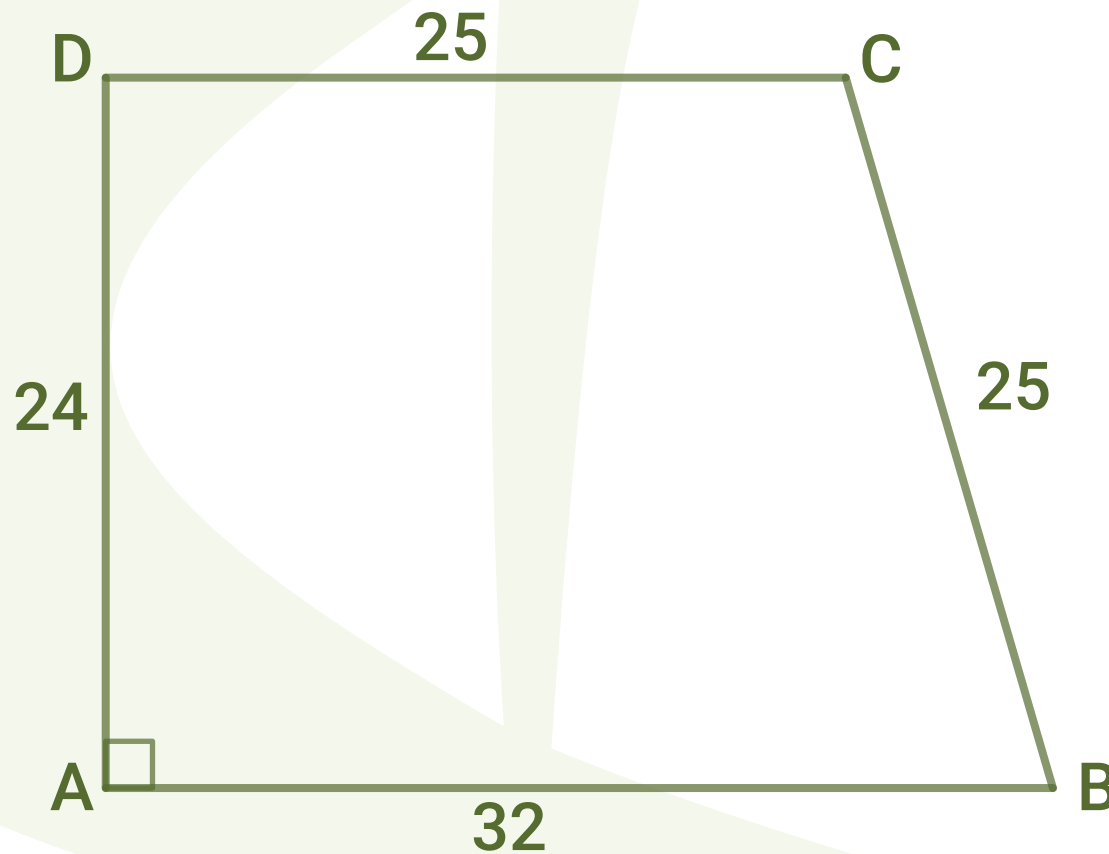
With this information, determine:

- How many minutes did each break last?
- What time did Richard return home?





## Quick Geometry Quadrilateral



Determine the area of the quadrilateral.