

Big Ideas Math® Game Closet



Math Card War

Materials:

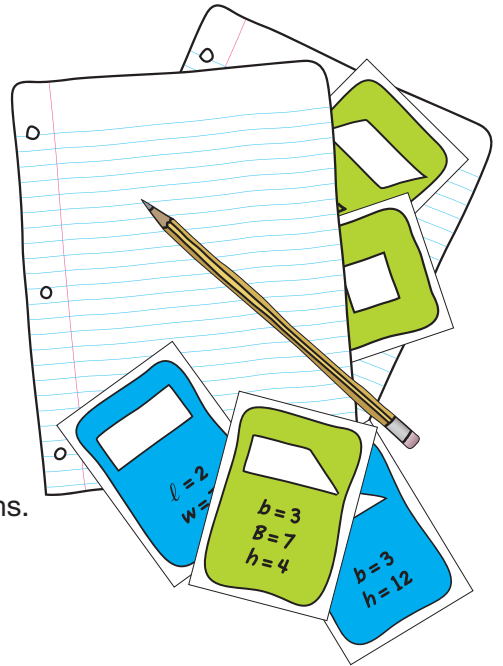
- Game cards
- Paper
- Pencils

Directions:

Students play in pairs. One student shuffles the cards and then deals 20 cards to each player face-down. Each player turns one card face-up and finds the area of the figure with the given dimensions. The player with the greater area wins. The winner collects both cards and places them at the bottom of their cards. If there is a tie, each player lays 3 cards face-down, then a new card face-up. The player with the greater area of the new cards wins. The winner collects all 10 cards.

Who Wins?

Play continues until one player has all the cards. This player wins!





$$b = 4$$
$$h = 5$$



$$b = 6$$
$$h = 3$$



$$b = 4$$
$$h = 7$$



$$b = 8$$
$$h = 6$$



$$b = 5$$
$$h = 10$$



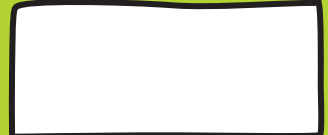
$$b = 7$$
$$h = 6$$



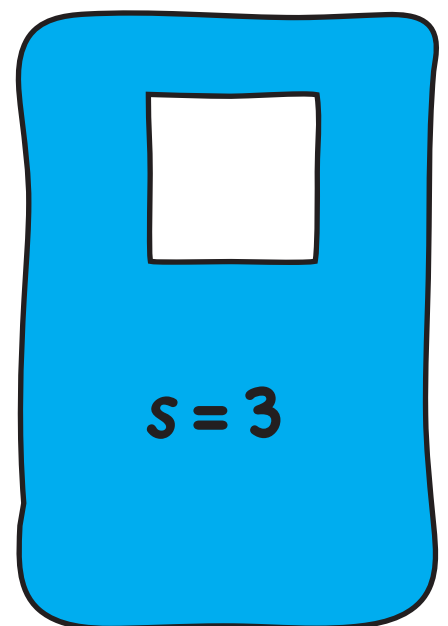
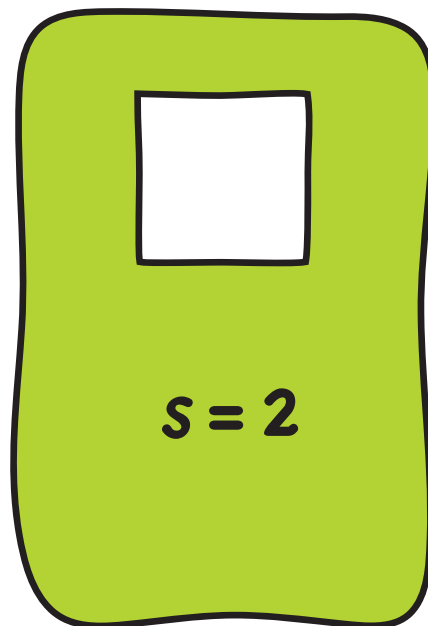
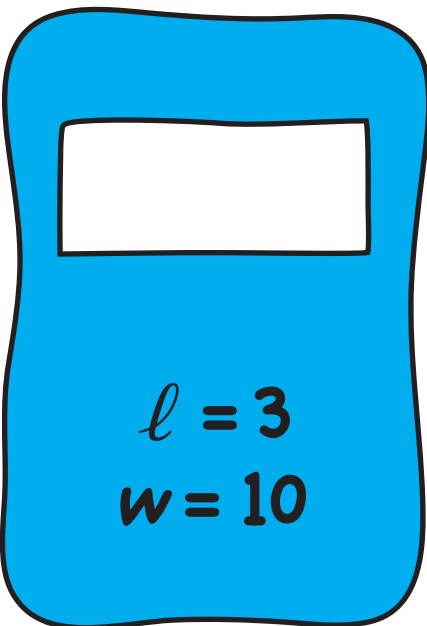
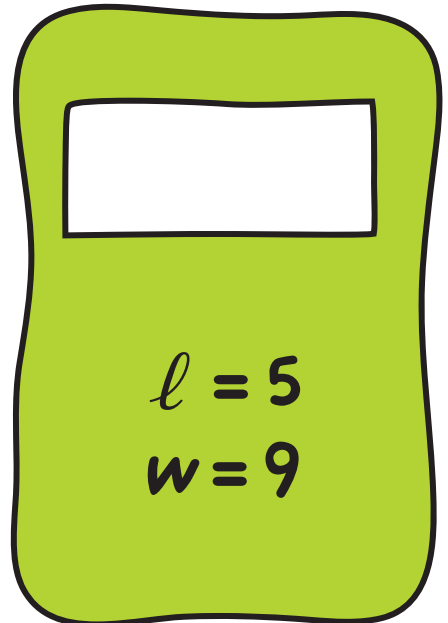
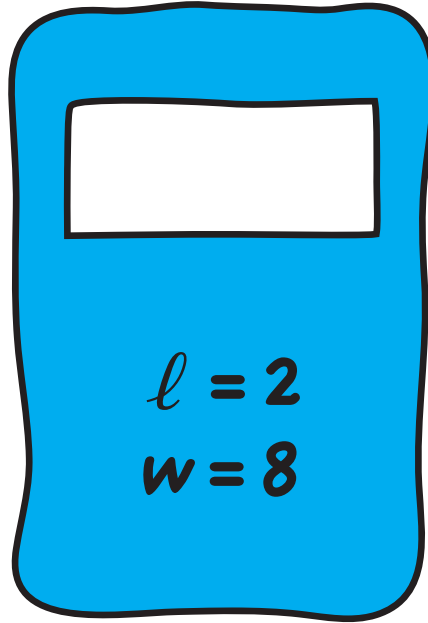
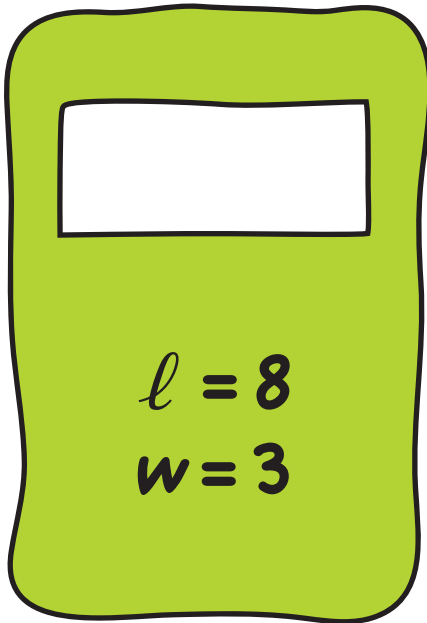
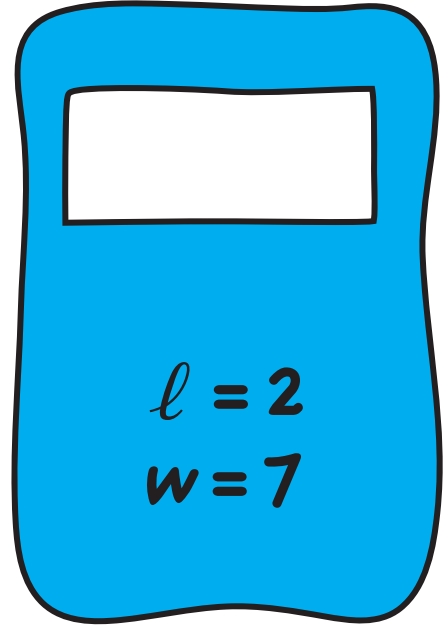
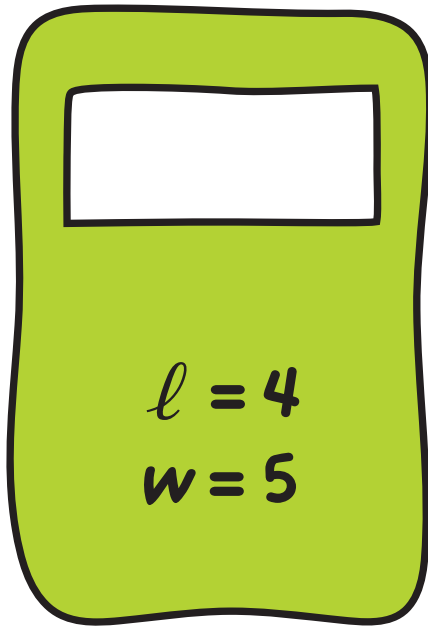
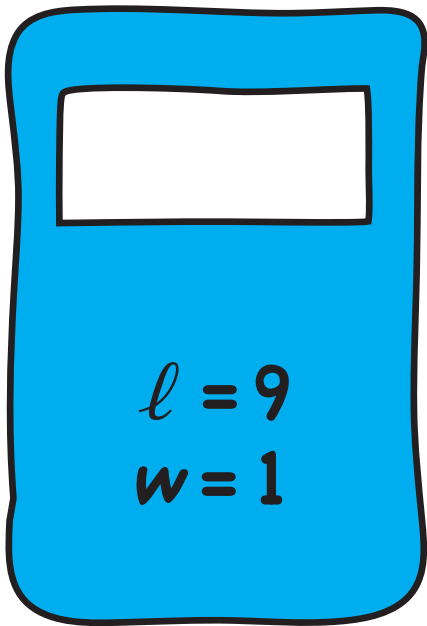
$$b = 9$$
$$h = 8$$

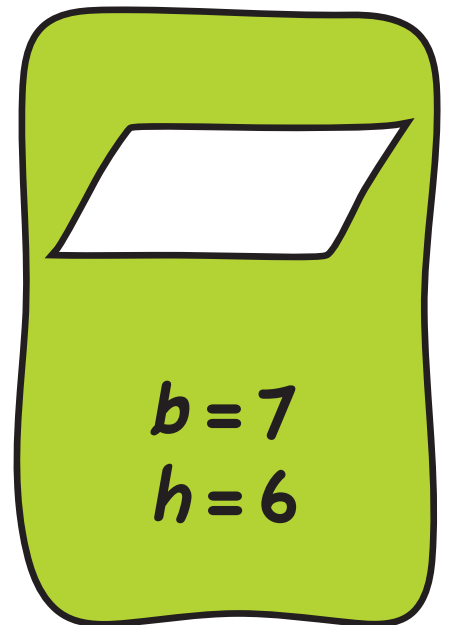
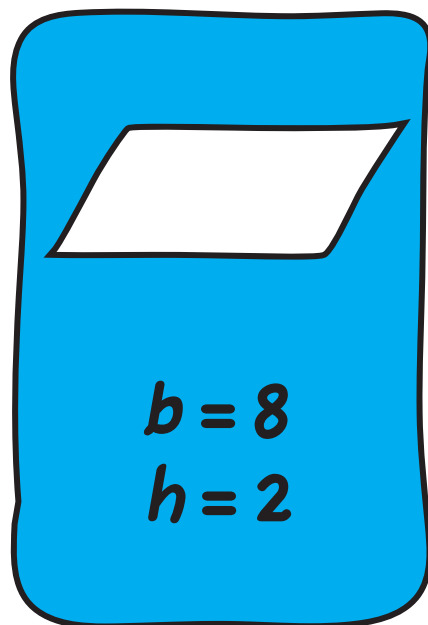
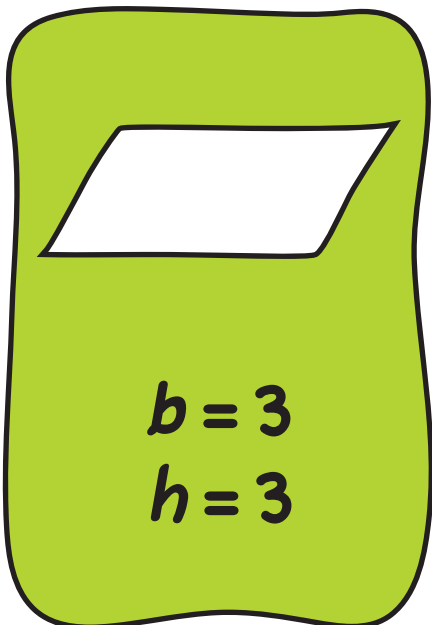
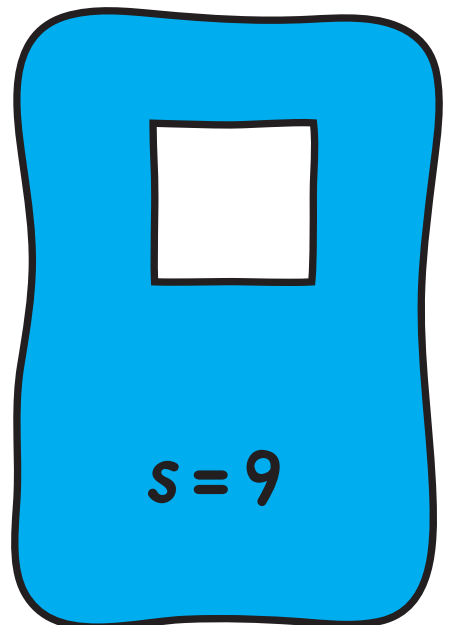
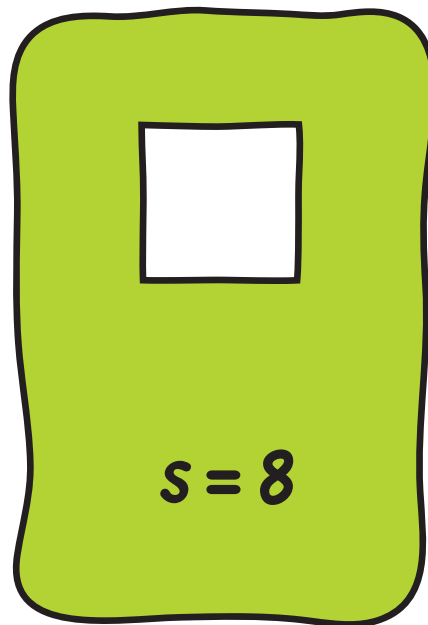
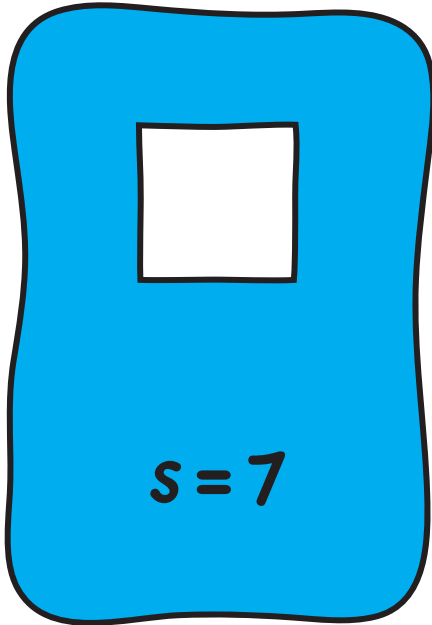
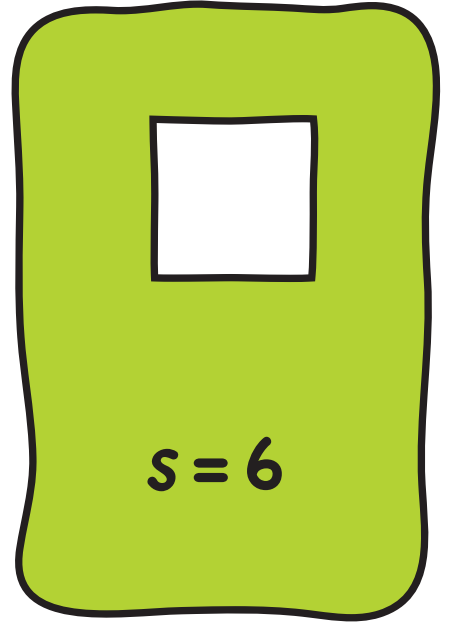
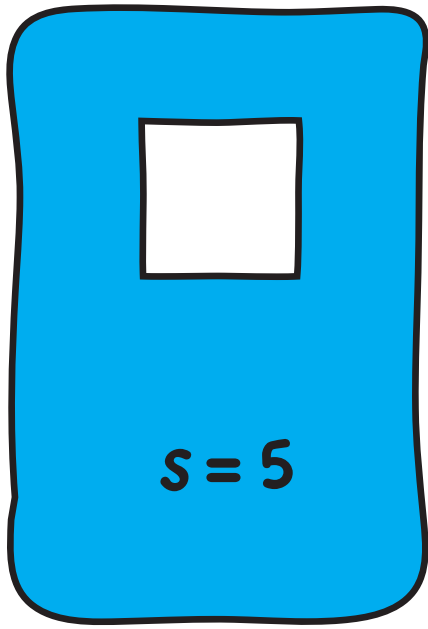
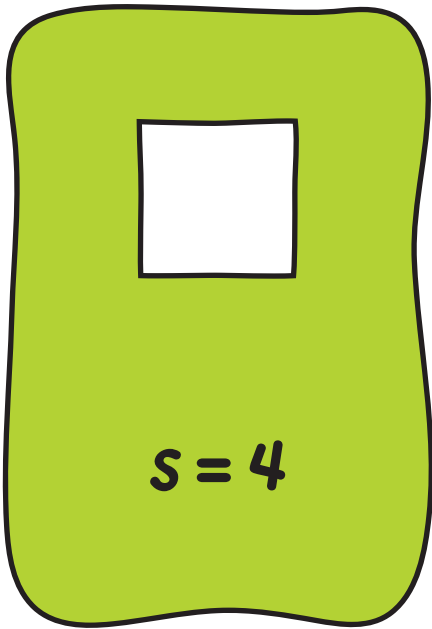


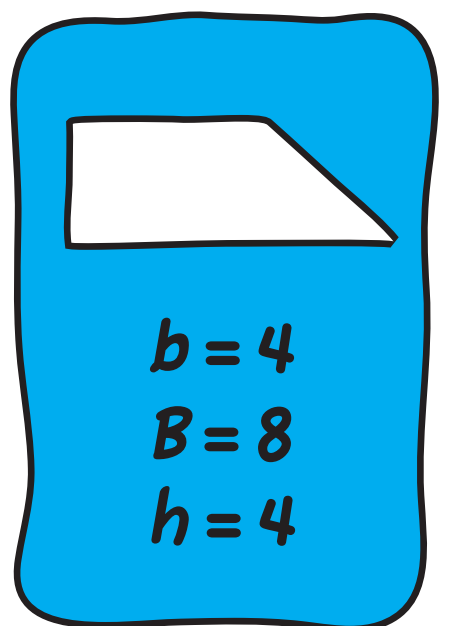
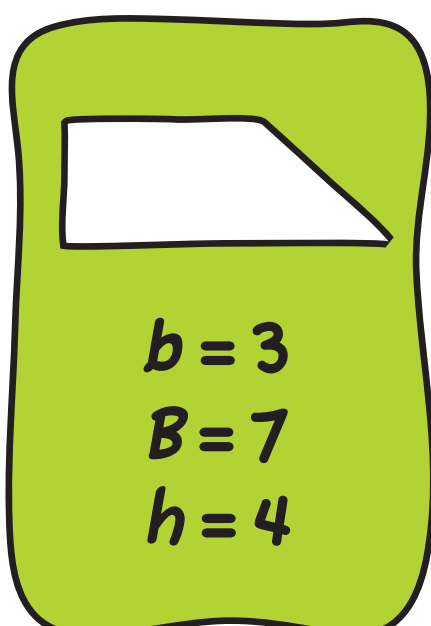
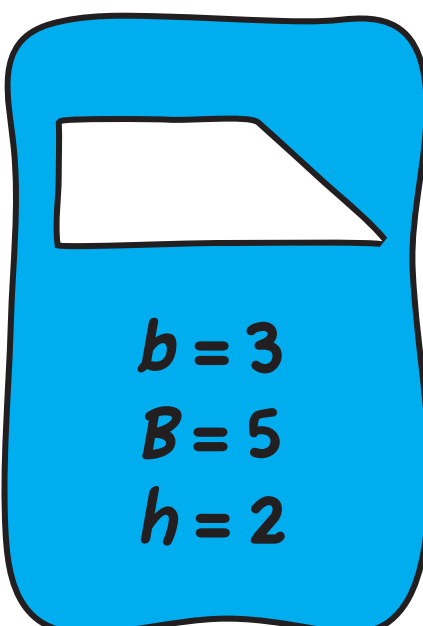
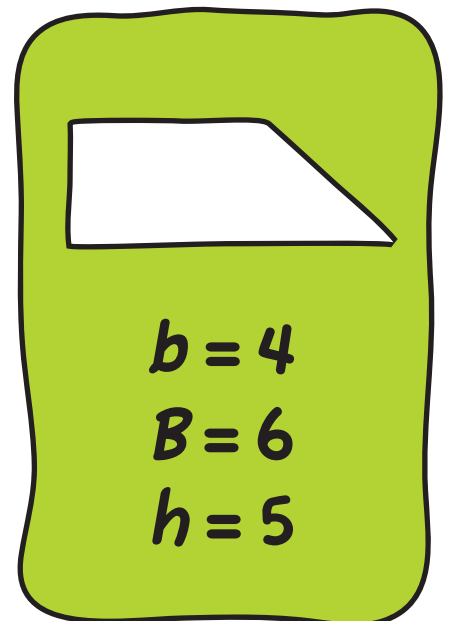
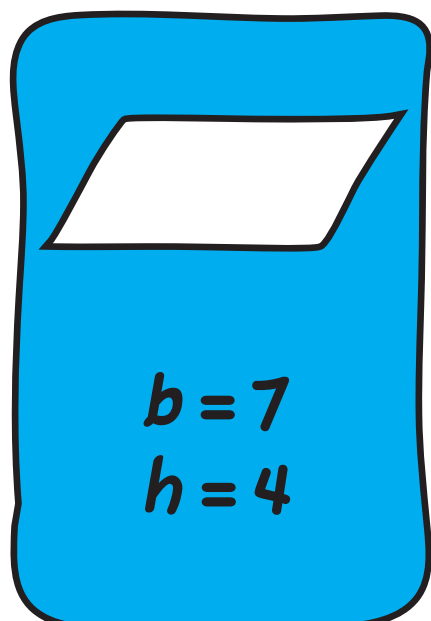
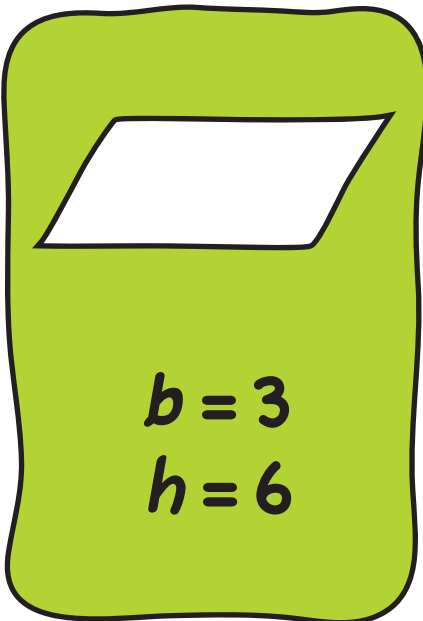
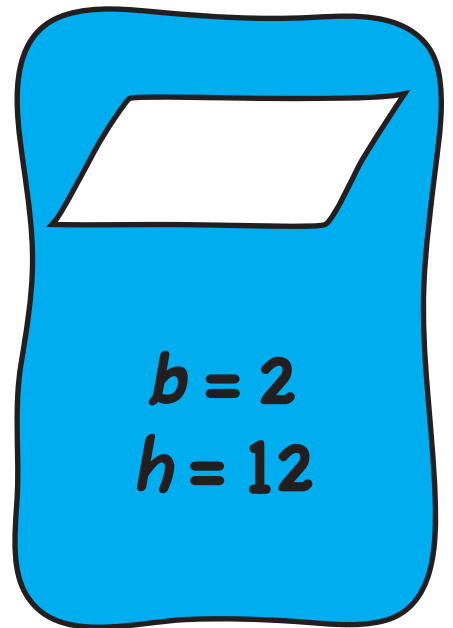
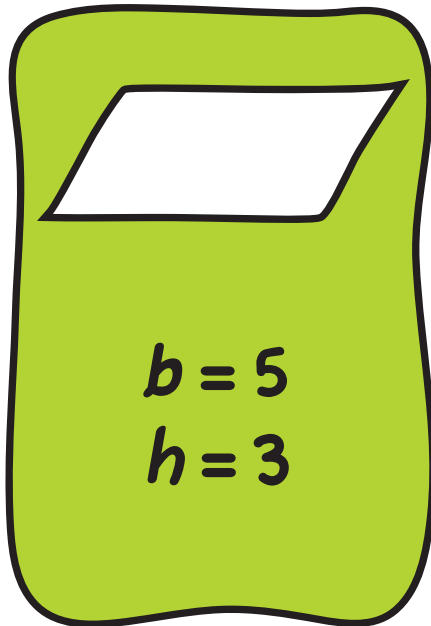
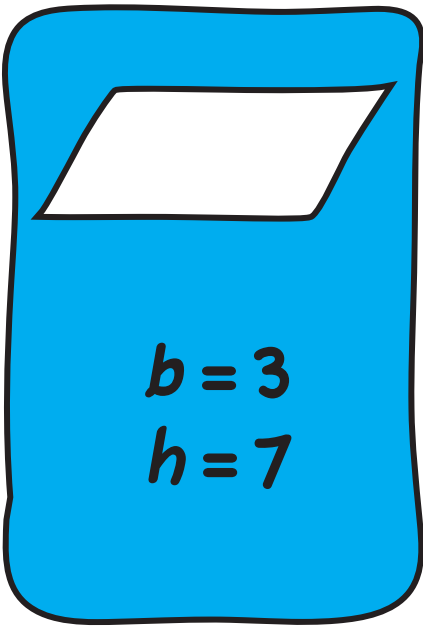
$$b = 3$$
$$h = 12$$



$$l = 7$$
$$w = 3$$









$b = 9$
 $B = 1$
 $h = 6$



$b = 3$
 $B = 5$
 $h = 4$



$b = 5$
 $B = 7$
 $h = 2$



$b = 8$
 $B = 10$
 $h = 4$