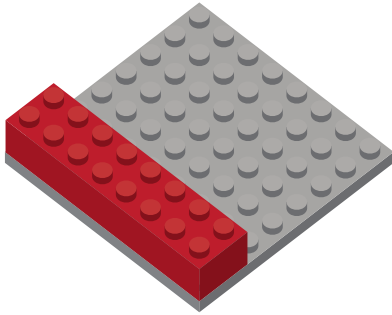# FINDING FACTORS

1. With bricks, build this model.

How many studs are on the brick? _____ What does the number of studs mean? _____
_____

Locate two same-sized bricks that together are the same length and width as the 2x8 brick.
Place them next to the 2x8 brick. Which bricks did you use? _____ How many bricks
did you use? _____ What do these two bricks mean?

_____
_____
_____

Write a division sentence for this model. _____

Explain your thinking.

_____
_____
_____

Can you find three same-sized bricks that will fit into the model? _____

Find four same-sized bricks that will fit next to the model that together are the same length and width as the last bricks you added. Place them on your model next to the bricks. Which bricks did you use? _____   How many bricks did you use? _____

Write a division sentence for this problem. _____

Explain your thinking.

_____
_____
_____

What other bricks work with this model? _____
Add those bricks to your model.

Write division sentences for these brick models. What do you notice about all the bricks on the base plate model?

_____
_____
_____

Write all the division sentences for the 2x8 model.

_____
_____
_____

What do all of these statements have in common? _____

What are the factors of 16? _____