Name: ..... Class: .....

Power Up! Test Practice

30. Mrs. Eiman traveled about $8 \times 8 \times 8 \times 8$ kilometers from Ohio to Hawaii. Select values to complete the model below to show the repeated multiplication as a power.

2	4
6	8

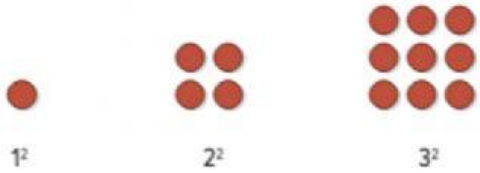
The base is ☐.

The exponent is ☐.

The repeated multiplication can be expressed as the power: ☐ ☐.

About how many kilometers did Mrs. Eiman travel? ☐

31. Asma used counters to make the pattern shown below.



1^2 2^2 3^2

She continues the pattern for several more figures. Which of the following accurately describe how many counters she uses in different figures? Select all that apply.

- ☐ There are 25 counters in the 5th figure.
- ☐ There are 42 counters in the 6th figure.
- ☐ There are 81 counters in the 9th figure.
- ☐ There are 121 counters in the 11th figure.

LIVEWORKSHEETS