

Name _____



Model Powers

Directions: Look at each model. Write the repeated multiplication and the exponent expression. Do not find the value.

1.

Square Array

X X X
X X X
X X X

Repeated multiplication: _____

Exponent expression: _____

2.

Cube Stack

Layer 1: 
Layer 2: 

Repeated multiplication: _____

Exponent expression: _____

3.

Square Array

X X X X
X X X X
X X X X
X X X X

Repeated multiplication: _____

Exponent expression: _____

4.

Cube Stack

Layer 1: 
Layer 2: 
Layer 3: 

Repeated multiplication: _____

Exponent expression: _____

5.

Square Array

X X
X X

Repeated multiplication: _____

Exponent expression: _____

6.

Cube Stack

Layer 1: 
Layer 2: 
Layer 3: 
Layer 4: 

Repeated multiplication: _____

Exponent expression: _____