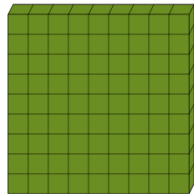# Exponents Concept Intro - Picture to Equation - Exponents to Three

1 What equation shows how to find the number of blocks in the 9 wide by 9 long square?
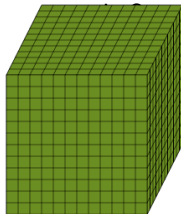
A	$9 \times 9 \times 9$
B	9
C	$9 \times 9 \times 9 \times 9$
D	$2 \times 2 \times 2 \times 2 \times 2 \times 2 \times 2 \times 2 \times 2$
E	9×9
F	1

2 What equation shows how to find the number of blocks in the 12 long row?

A	$12 \times 12 \times 12$
B	$1 \times 1 \times 1 \times 1 \times 1 \times 1 \times 1 \times 1 \times 1 \times 1 \times 1 \times 1$
C	12×12
D	$\frac{1}{12}$
E	12
F	1

3 What equation shows how to find the number of blocks in the 12 wide by 12 long by 12 high

A	$12 \times 12 \times 12$
B	12×12
C	$12 \times 12 \times 12 \times 12$
D	$12 \times 12 \times 12 \times 12 \times 12$
E	$3 \times 3 \times 3 \times 3 \times 3 \times 3 \times 3 \times 3 \times 3 \times 3 \times 3 \times 3$
F	12

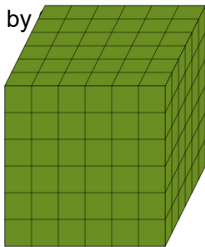**4** What equation shows how to find the number of blocks in the 10 long row?

A	10×10
B	$1 \times 1 \times 1 \times 1 \times 1 \times 1 \times 1 \times 1 \times 1 \times 1$
C	10
D	$\frac{1}{10}$
E	1
F	$10 \times 10 \times 10$

5 What equation shows how to find the number of blocks in the 3 long row?
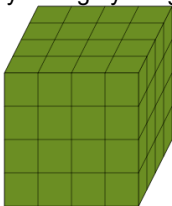
A $1 \times 1 \times 1$	B 3×3
C $\frac{1}{3}$	D 3
E 1	F $3 \times 3 \times 3$

6 What equation shows how to find the number of blocks in the 6 wide by
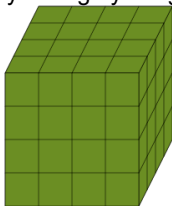
A	$6 \times 6 \times 6$
B	$6 \times 6 \times 6 \times 6$
C	$3 \times 3 \times 3 \times 3 \times 3 \times 3$
D	$6 \times 6 \times 6 \times 6 \times 6$
E	6
F	6×6

7 What equation shows how to find the number of blocks in the 4 wide by 4 long by 4 high

A $3 \times 3 \times 3 \times 3$	B 4
C $4 \times 4 \times 4 \times 4$	D $4 \times 4 \times 4 \times 4 \times 4$
E 4×4	F $4 \times 4 \times 4$

8 What equation shows how to find the number of blocks in the 4 wide by 4 long by 4 high

A $4 \times 4 \times 4$	B 4
C $3 \times 3 \times 3 \times 3$	D $4 \times 4 \times 4 \times 4$
E $4 \times 4 \times 4 \times 4$	F 4×4