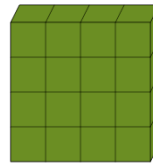




Math worksheet on 'Exponents Concept Intro - Picture to Equation - Exponents to Three (Level 1)'.  
Part of a broader unit on 'Exponents - Intro'

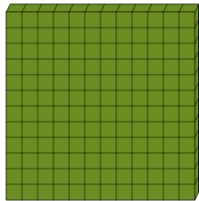
Learn online: [app.mobius.academy/math/units/exponents\\_intro/](http://app.mobius.academy/math/units/exponents_intro/)

1 What equation shows how to find the number of blocks in the 4 wide by 4 long square?



a	$4 \times 4$	b	1
c	4	d	$4 \times 4 \times 4 \times 4$
e	$2 \times 2 \times 2 \times 2$	f	$4 \times 4 \times 4$

2 What equation shows how to find the number of blocks in the 12 wide by 12 long square?



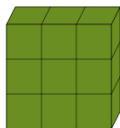
a	1
b	12
c	$2 \times 2 \times 2 \times 2 \times 2 \times 2 \times 2 \times 2 \times 2 \times 2 \times 2 \times 2$
d	$12 \times 12$
e	$12 \times 12 \times 12$
f	$12 \times 12 \times 12 \times 12$

3 What equation shows how to find the number of blocks in the 8 long row?



a	$8 \times 8$
b	1
c	$1 \times 1 \times 1 \times 1 \times 1 \times 1 \times 1 \times 1$
d	$8 \times 8 \times 8$
e	$\frac{1}{8}$
f	8

4 What equation shows how to find the number of blocks in the 3 wide by 3 long square?



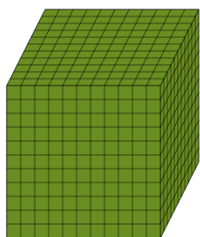
a	3	b	$3 \times 3 \times 3 \times 3$
c	1	d	$2 \times 2 \times 2$
e	$3 \times 3$	f	$3 \times 3 \times 3$

5 What equation shows how to find the number of blocks in the 3 long row?



a	$1 \times 1 \times 1$	b	$3 \times 3$
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 11 wide by 11 long by 11 high cube?



a	$11 \times 11 \times 11 \times 11 \times 11$
b	$3 \times 3 \times 3 \times 3 \times 3 \times 3 \times 3 \times 3 \times 3 \times 3 \times 3 \times 3$
c	$11 \times 11 \times 11$
d	$11 \times 11$
e	$11 \times 11 \times 11 \times 11$
f	11

7 What equation shows how to find the number of blocks in the 7 long row?



a	$\frac{1}{7}$
b	$7 \times 7 \times 7$
c	$1 \times 1 \times 1 \times 1 \times 1 \times 1 \times 1$
d	1
e	7
f	$7 \times 7$