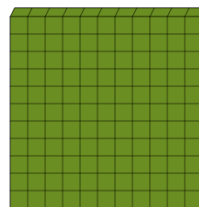




Math worksheet on 'Exponents Concept Intro - Picture to Equation - Squares Only (Level 1)'. Part of a broader unit on 'Exponents - Intro'

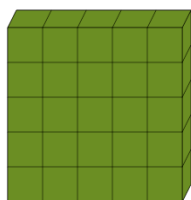
Learn online: [app.mobius.academy/math/units/exponents\\_intro/](http://app.mobius.academy/math/units/exponents_intro/)

1 What equation shows how to find the number of blocks in the 11 wide by 11 long square?



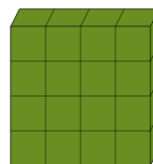
- |   |  |
|---|--|
| a | $11 \times 11 \times 11 \times 11$   |
| b | 1  |
| c | $11 \times 11$   |
| d | $2 \times 2 \times 2 \times 2 \times 2 \times 2 \times 2 \times 2 \times 2 \times 2$ |
| e | 11   |
| f | $11 \times 11 \times 11$   |

2 What equation shows how to find the number of blocks in the 5 wide by 5 long square?



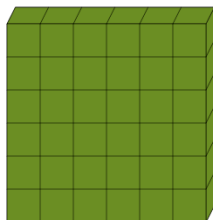
- |   |                       |   |   |
|---|-----------------------|---|---|
| a | $5 \times 5$          | b | $2 \times 2 \times 2 \times 2 \times 2$ |
| c | 5                     | d | 1                                       |
| e | $5 \times 5 \times 5$ | f | $5 \times 5 \times 5 \times 5$          |

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



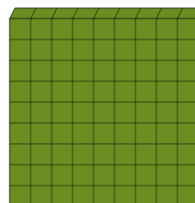
- |   |                                |   |                       |
|---|--------------------------------|---|-----------------------|
| a | $4 \times 4 \times 4 \times 4$ | b | $4 \times 4$          |
| c | 4                              | d | $4 \times 4 \times 4$ |
| e | $2 \times 2 \times 2 \times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

4 What equation shows how to find the number of blocks in the 6 wide by 6 long square?



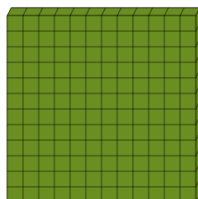
- |   |  |
|---|--|
| a | $6 \times 6 \times 6 \times 6$                   |
| b | 6  |
| c | 1  |
| d | $6 \times 6$                                     |
| e | $6 \times 6 \times 6$                            |
| f | $2 \times 2 \times 2 \times 2 \times 2 \times 2$ |

5 What equation shows how to find the number of blocks in the 9 wide by 9 long square?



- |   |   |
|---|---|
| a | $9 \times 9$  |
| b | $2 \times 2 \times 2 \times 2 \times 2 \times 2 \times 2 \times 2 \times 2$ |
| c | 1   |
| d | 9   |
| e | $9 \times 9 \times 9$   |
| f | $9 \times 9 \times 9 \times 9$  |

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



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

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



- |   |              |   |                                |
|---|--------------|---|--------------------------------|
| a | 2            | b | $2 \times 2 \times 2 \times 2$ |
| c | 1            | d | $2 \times 2 \times 2$          |
| e | $2 \times 2$ |   |                                |