

NUMBER: Square Numbers

Name:

Date:

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[1] Give the value of each of the below expressions:

a) 3×3 **b)** 11×11 **c)** 10^2 **d)** 7^2 **e)** 9^2 **f)** 4^2

g) 6 squared **h)** 12 squared **i)** one squared **j)** 2 squared

k) $3^2 + 3^2$ **m)** $12^2 + 5^2$ **n)** $4^2 + 6^2$ **o)** $1^2 + 2^2$

[2] Complete each of the following statements:

a) $4^2 = 4 \times 4 = \underline{\quad}$

g) $10^2 = \underline{\quad} \times \underline{\quad} = \underline{\quad}$

b) $8^2 = 8 \times 8 = \underline{\quad}$

h) $11^2 = \underline{\quad} \times \underline{\quad} = \underline{\quad}$

c) $6^2 = \underline{\quad} \times \underline{\quad} = \underline{\quad}$

i) $20^2 = \underline{\quad} \times \underline{\quad} = \underline{\quad}$

d) $5^2 = \underline{\quad} \times \underline{\quad} = 25$

j) $\underline{\quad}^2 = \underline{\quad} \times \underline{\quad} = 10,000$

e) $\underline{\quad}^2 = \underline{\quad} \times \underline{\quad} = 49$

k) $\underline{\quad}^2 = \underline{\quad} \times \underline{\quad} = 1,600$

f) $\underline{\quad}^2 = \underline{\quad} \times \underline{\quad} = 9$

l) $33^2 = \underline{\quad} \times \underline{\quad} = \underline{\quad}$

ANSWERS

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[1] Give the value of each of the below expressions:

a) $3 \times 3 = 9$ b) $11 \times 11 = 121$ c) $10^2 = 100$ d) $7^2 = 49$ e) $9^2 = 81$ f) $4^2 = 16$

g) 6 squared = 36 h) 12 squared = 144 i) one squared = 1 j) 2 squared = 4

k) $3^2 + 3^2 = 9 + 9 = 18$ m) $12^2 + 5^2 = 144 + 25 = 169$ n) $4^2 + 6^2 = 16 + 36 = 52$ o) $1^2 + 2^2 = 1 + 4 = 5$

[2] Complete each of the following statements:

a) $4^2 = 4 \times 4 = 16$

g) $10^2 = 10 \times 10 = 100$

b) $8^2 = 8 \times 8 = 64$

h) $11^2 = 11 \times 11 = 121$

c) $6^2 = 6 \times 6 = 36$

i) $20^2 = 20 \times 20 = 400$

d) $5^2 = 5 \times 5 = 25$

j) $100^2 = 100 \times 100 = 10,000$

e) $7^2 = 7 \times 7 = 49$

k) $40^2 = 40 \times 40 = 1,600$

f) $3^2 = 3 \times 3 = 9$

l) $33^2 = 33 \times 33 = 1,089$