

6301-02 Quick tables and square numbers (pg 1)

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Here are some questions about the table square.

How quickly can you answer them?



1.

- a. How many eights are there in 40 ?
- b. How many sixes are there in 24 ?
- c. How many fives are there in 35 ?
- d. How many fours are there in 36 ?
- e. How many threes are there in 33 ?
- f. How many fives are there in 45 ?
- g. How many sevens are there in 56 ?

2. You should learn the squares of all the numbers up to 13. Try these:

- a. $0^2 =$ b. $1^2 =$ c. $2^2 =$ d. $3^2 =$ e. $4^2 =$ f. $5^2 =$
g. $6^2 =$ h. $7^2 =$ i. $8^2 =$ j. $9^2 =$ k. $10^2 =$ l. $11^2 =$
m. $12^2 =$ n. $13^2 =$

3. Use the square numbers that you know to work out these:

Eg. $30^2 = 30 \times 30 = 3 \times 3 \times 10 \times 10$
 $= 9 \times 100 = 900$
Amazing, really!



- a. $20^2 =$ b. $50^2 =$ c. $30^2 =$ d. $40^2 =$ e. $70^2 =$
f. $60^2 =$ g. $10^2 =$ h. $80^2 =$ i. $90^2 =$ j. $100^2 =$

6301-02 Quick tables and square numbers (pg 1)Answers

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1. a. 5 b. 4 c. 7 d. 9 e. 11 f. 9 g. 8

2. a. 0 b. 1 c. 4 d. 9 e. 16 f. 25 g. 36

h. 49 i. 64 j. 81 k. 100 l. 121 m. 144 n. 169

3. a. 400 b. 2 500 c. 900 d. 1 600 e. 4 900 f. 3 600 g. 100

h. 6 400 i. 8 100 j. 10 000