

Number Correct: _____

A

Squares and Unknown Factors

1.	$2 \times 2 =$	
2.	$2 \times \underline{\quad} = 4$	
3.	$3 \times 3 =$	
4.	$3 \times \underline{\quad} = 9$	
5.	$5 \times 5 =$	
6.	$5 \times \underline{\quad} = 25$	
7.	$1 \times \underline{\quad} = 1$	
8.	$1 \times 1 =$	
9.	$4 \times \underline{\quad} = 16$	
10.	$4 \times 4 =$	
11.	$7 \times \underline{\quad} = 49$	
12.	$7 \times 7 =$	
13.	$8 \times 8 =$	
14.	$8 \times \underline{\quad} = 64$	
15.	$10 \times 10 =$	
16.	$10 \times \underline{\quad} = 100$	
17.	$9 \times \underline{\quad} = 81$	
18.	$9 \times 9 =$	
19.	$2 \times \underline{\quad} = 10$	
20.	$2 \times \underline{\quad} = 18$	
21.	$2 \times 2 =$	
22.	$3 \times \underline{\quad} = 12$	

23.	$3 \times \underline{\quad} = 21$	
24.	$3 \times 3 =$	
25.	$4 \times \underline{\quad} = 20$	
26.	$4 \times \underline{\quad} = 32$	
27.	$4 \times 4 =$	
28.	$5 \times \underline{\quad} = 20$	
29.	$5 \times \underline{\quad} = 40$	
30.	$5 \times 5 =$	
31.	$6 \times \underline{\quad} = 18$	
32.	$6 \times \underline{\quad} = 54$	
33.	$6 \times 6 =$	
34.	$7 \times \underline{\quad} = 28$	
35.	$7 \times \underline{\quad} = 56$	
36.	$7 \times 7 =$	
37.	$8 \times \underline{\quad} = 24$	
38.	$8 \times \underline{\quad} = 72$	
39.	$8 \times 8 =$	
40.	$9 \times \underline{\quad} = 36$	
41.	$9 \times \underline{\quad} = 63$	
42.	$9 \times 9 =$	
43.	$9 \times \underline{\quad} = 54$	
44.	$10 \times 10 =$	

B

Number Correct: _____

Improvement: _____

Squares and Unknown Factors

1.	$5 \times 5 =$	
2.	$5 \times \underline{\quad} = 25$	
3.	$2 \times 2 =$	
4.	$2 \times \underline{\quad} = 4$	
5.	$3 \times 3 =$	
6.	$3 \times \underline{\quad} = 9$	
7.	$1 \times 1 =$	
8.	$1 \times \underline{\quad} = 1$	
9.	$4 \times \underline{\quad} = 16$	
10.	$4 \times 4 =$	
11.	$6 \times \underline{\quad} = 36$	
12.	$6 \times 6 =$	
13.	$9 \times 9 =$	
14.	$9 \times \underline{\quad} = 81$	
15.	$10 \times 10 =$	
16.	$10 \times \underline{\quad} = 100$	
17.	$7 \times \underline{\quad} = 49$	
18.	$7 \times 7 =$	
19.	$2 \times \underline{\quad} = 8$	
20.	$2 \times \underline{\quad} = 16$	
21.	$2 \times 2 =$	
22.	$3 \times \underline{\quad} = 15$	

23.	$3 \times \underline{\quad} = 24$	
24.	$3 \times 3 =$	
25.	$4 \times \underline{\quad} = 12$	
26.	$4 \times \underline{\quad} = 28$	
27.	$4 \times 4 =$	
28.	$5 \times \underline{\quad} = 10$	
29.	$5 \times \underline{\quad} = 35$	
30.	$5 \times 5 =$	
31.	$6 \times \underline{\quad} = 24$	
32.	$6 \times \underline{\quad} = 48$	
33.	$6 \times 6 =$	
34.	$7 \times \underline{\quad} = 21$	
35.	$7 \times \underline{\quad} = 63$	
36.	$7 \times 7 =$	
37.	$8 \times \underline{\quad} = 32$	
38.	$8 \times \underline{\quad} = 56$	
39.	$8 \times 8 =$	
40.	$9 \times \underline{\quad} = 27$	
41.	$9 \times \underline{\quad} = 72$	
42.	$9 \times 9 =$	
43.	$9 \times \underline{\quad} = 63$	
44.	$10 \times 10 =$	

3. Jackson's rectangular bedroom has an area of 90 square feet. The area of his bedroom is 9 times that of his rectangular closet. If the closet is 2 feet wide, what is its length?
4. The length of a rectangular deck is 4 times its width. If the deck's perimeter is 30 feet, what is the deck's area?

Name _____

Date _____

Solve the following problem. Use pictures, numbers, or words to show your work.

A rectangular poster is 3 times as long as it is wide. A rectangular banner is 5 times as long as it is wide. Both the banner and the poster have perimeters of 24 inches. What are the lengths and widths of the poster and the banner?

3. Brinn's rectangular kitchen has an area of 81 square feet. The kitchen is 9 times as many square feet as Brinn's pantry. If the rectangular pantry is 3 feet wide, what is the length of the pantry?
4. The length of Marshall's rectangular poster is 2 times its width. If the perimeter is 24 inches, what is the area of the poster?