Make a list of the "Perfect Squares"

#	Square
1	
2	
3	
4	
5	
6	
7	
8	
9	
10	
11	
12	
13	
14	
15	

Definition of a Square Root: One of two equal factors. For example the square root of 49 is 7 because 7(7)=49.

1. $\sqrt{36} =$

2. $\sqrt{196} =$

3. $\sqrt{108}$ *is between* ___ *and* ___

4. $\sqrt{90}$ *is between* ___ *and* ___

5. $\sqrt{157}$ *is between* ___ *and* ___

6. $\sqrt{14}$ *is between* ___ *and* ___

Round Answers to the nearest tenth.

7. $\sqrt{45} \approx$

8. $\sqrt{109} \approx$

9. $\sqrt{14} \approx$

Use PEMDAS to evaluate the following:

10. $3\sqrt{25} - 4 \cdot 2^2$

11. $\sqrt{36} \div 2 \cdot 4 - 8^2$

12. $15 + \sqrt{100} \cdot 18 \div 6 - 5$

13. $\sqrt{3 \cdot 9 - 27} - (-2)^4$