



Square root worksheet

Find the square root of the following by prime factorization method:

1) $\sqrt{768} =$

2) $\sqrt{126} =$

3) $\sqrt{931} =$

4) $\sqrt{475} =$

5) $\sqrt{800} =$

6) $\sqrt{1875} =$



7) $\sqrt{2023} =$

8) $\sqrt{9248} =$

9) $\sqrt{3645} =$

10) $\sqrt{9408} =$



Answers

1. $16\sqrt{3}$
2. $3\sqrt{14}$
3. $7\sqrt{19}$
4. $5\sqrt{19}$
5. $20\sqrt{2}$
6. $25\sqrt{3}$
7. $17\sqrt{7}$
8. $68\sqrt{2}$
9. $27\sqrt{5}$
10. $56\sqrt{3}$