

平方根の変形：問題 ( $\sqrt{n}$  を整数または  $a\sqrt{b}$  に直せ)

1.  $\sqrt{32}$

6.  $\sqrt{18}$

2.  $\sqrt{12}$

7.  $\sqrt{56}$

3.  $\sqrt{80}$

8.  $\sqrt{60}$

4.  $\sqrt{8}$

9.  $\sqrt{64}$

5.  $\sqrt{96}$

10.  $\sqrt{75}$

11.  $\sqrt{25}$

16.  $\sqrt{81}$

12.  $\sqrt{4}$

17.  $\sqrt{50}$

13.  $\sqrt{63}$

18.  $\sqrt{68}$

14.  $\sqrt{40}$

19.  $\sqrt{72}$

15.  $\sqrt{54}$

20.  $\sqrt{24}$

21.  $\sqrt{9}$

26.  $\sqrt{84}$

22.  $\sqrt{88}$

27.  $\sqrt{36}$

23.  $\sqrt{52}$

28.  $\sqrt{49}$

24.  $\sqrt{27}$

29.  $\sqrt{98}$

25.  $\sqrt{48}$

30.  $\sqrt{28}$

31.  $\sqrt{92}$

32.  $\sqrt{20}$

33.  $\sqrt{44}$

34.  $\sqrt{76}$

35.  $\sqrt{16}$

## 平方根の変形：解答

1.  $\sqrt{32} = 4\sqrt{2}$

6.  $\sqrt{18} = 3\sqrt{2}$

2.  $\sqrt{12} = 2\sqrt{3}$

7.  $\sqrt{56} = 2\sqrt{14}$

3.  $\sqrt{80} = 4\sqrt{5}$

8.  $\sqrt{60} = 2\sqrt{15}$

4.  $\sqrt{8} = 2\sqrt{2}$

9.  $\sqrt{64} = 8$

5.  $\sqrt{96} = 4\sqrt{6}$

10.  $\sqrt{75} = 5\sqrt{3}$

$$11. \sqrt{25} = 5$$

$$16. \sqrt{81} = 9$$

$$12. \sqrt{4} = 2$$

$$17. \sqrt{50} = 5\sqrt{2}$$

$$13. \sqrt{63} = 3\sqrt{7}$$

$$18. \sqrt{68} = 2\sqrt{17}$$

$$14. \sqrt{40} = 2\sqrt{10}$$

$$19. \sqrt{72} = 6\sqrt{2}$$

$$15. \sqrt{54} = 3\sqrt{6}$$

$$20. \sqrt{24} = 2\sqrt{6}$$

$$21. \sqrt{9} = 3$$

$$26. \sqrt{84} = 2\sqrt{21}$$

$$22. \sqrt{88} = 2\sqrt{22}$$

$$27. \sqrt{36} = 6$$

$$23. \sqrt{52} = 2\sqrt{13}$$

$$28. \sqrt{49} = 7$$

$$24. \sqrt{27} = 3\sqrt{3}$$

$$29. \sqrt{98} = 7\sqrt{2}$$

$$25. \sqrt{48} = 4\sqrt{3}$$

$$30. \sqrt{28} = 2\sqrt{7}$$

$$31. \sqrt{92} = 2\sqrt{23}$$

$$32. \sqrt{20} = 2\sqrt{5}$$

$$33. \sqrt{44} = 2\sqrt{11}$$

$$34. \sqrt{76} = 2\sqrt{19}$$

$$35. \sqrt{16} = 4$$