

## SIMPLIFY

17.  $(5\sqrt{3})^2$

18.  $(2\sqrt{6})^2$

19.  $(\sqrt{5})^2$

20.  $(4\sqrt{2})^2$

21.  $(5\sqrt{7})^2$

22.  $(\sqrt{10})^2$

23.  $(\sqrt{40})^2$

24.  $(\sqrt{13})^2$

25.  $(8\sqrt{2})^2$

26.  $(2\sqrt{5})^2$

27.  $(2\sqrt{11})^2$

28.  $(\sqrt{26})^2$

29.  $(\sqrt{7})^2$

30.  $(3\sqrt{3})^2$

31.  $(\sqrt{2})^2$

32.  $(6\sqrt{5})^2$

## RATIONALIZE THE DENOMINATOR

33.  $\frac{5}{\sqrt{6}}$

34.  $\frac{14}{\sqrt{2}}$

35.  $\frac{1}{\sqrt{5}}$

36.  $\frac{4}{\sqrt{6}}$

37.  $\frac{10}{\sqrt{2}}$

38.  $\frac{1}{\sqrt{3}}$

39.  $\frac{9}{\sqrt{15}}$

40.  $\frac{8}{\sqrt{10}}$

41.  $\frac{5}{2\sqrt{3}}$

42.  $\frac{4}{3\sqrt{2}}$

43.  $\frac{9}{2\sqrt{10}}$

44.  $\frac{6}{5\sqrt{30}}$

45.  $\frac{7}{4\sqrt{5}}$

46.  $\frac{8}{3\sqrt{2}}$

47.  $\frac{9}{2\sqrt{3}}$

48.  $\frac{12}{5\sqrt{6}}$