

NAME _____

DATE _____

PER. _____

SQUARE ROOTS**Evaluate.**

1) $\sqrt{36} =$	2) $2\sqrt{16} =$	3) $-\sqrt{\frac{144}{100}} =$
4) $\sqrt{484} =$	5) $3\sqrt{289} =$	6) $-3\sqrt{\frac{121}{324}} =$
7) $2\sqrt{361} =$	8) $\frac{1}{3}\sqrt{441} =$	9) $-7\sqrt{196} =$

Simplify.

10) $\sqrt{8} =$	11) $\sqrt{54} =$	12) $\sqrt{27} =$
13) $\sqrt{99} =$	14) $-\sqrt{128} =$	15) $\sqrt{300} =$
16) $-5\sqrt{24} =$	17) $-6\sqrt{98} =$	18) $14\sqrt{75} =$

Answers in random order: 38, 8, $3\sqrt{6}$, $10\sqrt{3}$, $70\sqrt{3}$, $-\frac{6}{5}$, $3\sqrt{3}$, 7, $3\sqrt{11}$, $-10\sqrt{6}$, 22, 6, 51, $2\sqrt{2}$, $-\frac{11}{6}$, -98, $-42\sqrt{2}$, $-8\sqrt{2}$