

Classwork on Radicals

For the following simplify. Write answers in simplest radical form.

1. $5\sqrt{24}$	2. $\sqrt{484}$
3. $3\sqrt{50} - 7\sqrt{12}$	4. $2\sqrt{27} + 2\sqrt{75} - 5\sqrt{48}$
5. $\sqrt{28} \cdot \sqrt{32}$	6. $\sqrt{55} \cdot \sqrt{33}$
7. $5\sqrt{42} \cdot 4\sqrt{14}$	8. $\frac{5\sqrt{10}}{\sqrt{6}}$