

Name _____ Date _____

Quiz: Operations with Radicals

Perform the indicated operations and simplify the answers.

1 $44\sqrt{6} + 56\sqrt{6}$

2 $\sqrt{36}$

3 $32\sqrt{33} / 8\sqrt{33}$

4 $45\sqrt{21} + 5\sqrt{21}$

5 $\sqrt{84} * \sqrt{3}$

6 $32\sqrt{7} + 7\sqrt{7} - 9\sqrt{7}$

7 $36\sqrt{42} + 8\sqrt{42}$

8 $\sqrt{121}$

9 $4\sqrt{15} / 2\sqrt{15}$

10 $64\sqrt{52} + 6\sqrt{52}$

| | | | | | | | | | | | |
|------------------|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|
| Circle # Correct | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Percentage Score | 0% | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | 100% |