FUN MATH KIDS

Basic

Four Operations with Surds MCQ

Topic: Four operations with surds — add, subtract, multiply and divide · Grade: grade 8

Name: _____ Date: _____ Score: _____/ 8

Work out each calculation exactly, then tick the correct answer.

1. √2 + 3√2 = ?

- ☐ A. 2√2
- ☐ B. 4√2
- ☐ C. 4√3
- ☐ D. 8

2. 3√5 - 2√5 = ?

- ☐ A. √6
- ☐ B. √10
- ☐ C. √5
- ☐ D. 5√5

3. 4√5 + 2√5 = ?

- ☐ A. 6√5
- ☐ B. 6√10
- ☐ C. 2√5
- ☐ D. 6√6

4. 5√7 - 2√7 = ?

- ☐ A. 3√14
- ☐ B. 3√7
- ☐ C. 7√7
- ☐ D. 6√2

5. 3√6 - √6 = ?

- ☐ A. 2√7
- ☐ B. 4√6
- ☐ C. 4√3
- ☐ D. 2√6

6. 6√10 + 6√10 = ?

- ☐ A. 12√10
- ☐ B. 12√11
- ☐ C. 2√10
- ☐ D. 24√5

7. 5√2 - 4√2 = ?

- ☐ A. √3
- ☐ B. 2
- ☐ C. √2
- ☐ D. 9√2

8. 3√3 + 4√3 = ?

- ☐ A. 7√6
- ☐ B. 14
- ☐ C. 2√3
- ☐ D. 7√3