FUN MATH KIDS

Basic

Rationalising the Denominator

Topic: Rationalising the denominator of a surd fraction · Grade: grade 8

Name: _____ Date: _____ Score: _____/ 8

Rationalise each denominator, then tick the correct answer.

1. Rationalise the denominator: 4/√3

- ☐ A. 4√3/3
- ☐ B. 4√3/6
- ☐ C. 4√3
- ☐ D. 4/3

2. Rationalise the denominator: 2/√7

- ☐ A. 2√7/7
- ☐ B. 2/7
- ☐ C. 2√7
- ☐ D. 2√7/14

3. Rationalise the denominator: 3/√7

- ☐ A. 3√7/7
- ☐ B. 3√7
- ☐ C. 3√7/14
- ☐ D. 3/7

4. Rationalise the denominator: 3/√2

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

5. Rationalise the denominator: 3/√3

- ☐ A. √3/3
- ☐ B. 3/3
- ☐ C. 3√3
- ☐ D. √3

6. Rationalise the denominator: 2/√2

- ☐ A. 2/2
- ☐ B. √2
- ☐ C. 2√2
- ☐ D. √2/2

7. Rationalise the denominator: 1/√3

- ☐ A. √3
- ☐ B. 1√3/6
- ☐ C. √3/3
- ☐ D. /3

8. Rationalise the denominator: 2/√3

- ☐ A. 2/3
- ☐ B. 2√3
- ☐ C. 2√3/6
- ☐ D. 2√3/3