

7.2 Finding Common Denominators Practice

Directions: Find the LCM. (If the expressions were denominators, find the LCD)

1. $2x^3$ and x

$2x^3$

2. $x^2 - 9$ and $2x^2 - 5x - 3$

correct

$(x+3)(x-3)(2x+1)$

3. $x^2 + 4x + 4$ and $x + 2$

$(x+2)(x+2)$

4. $x^2 - 25$ and $x^2 + 6x + 5$

$(x+5)(x-5)(x+1)$

5. $4y + 8$ and $y^2 + 2y$

$4y(y+2)$

6. $25x^2 - 4$ and $3x^2 - 10x - 8$

$(5x-2)(5x+2)(3x+2)(x-4)$