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| --- | --- | --- |
| 1. Simplify
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 | 1. Simplify
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| 1. Simplify. Use only positive exponents.
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 |
| 1. Rewrite; then evaluate.
 | 1. Rewrite using rational exponents; simplify if possible.
 | 1. Rewrite using radicals.
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 |
| 1. Factor: 100x2 - 4
 | 1. Factor: 512x2 - 8
 | 1. Factor: 18x2 + 138x – 48
 |
| 1. Factor: 5x3 + 39x2 – 54x
 | 1. Factor: 14x2 + 22x + 8
 | 1. Factor: x2 – 6x – 40
 |
| 1. Factor: 7x2 -41x + 30
 | 1. Factor: 7x2 + 38x + 40
 | 1. Solve: 5a2-6a=7a-24
 |
| 1. **Solve:**
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 | 1. **Solve:**
 |
| 1. Simplify

(2x2 + x + 10) + (7x2 + 14) | 1. simplify (x2 + 3)(x + 6)
 | 1. Simplify

(-5x + 2)(3x2 – x + 4) |
| 1. Find the inverse.
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 | 1. Determine if the functions are inverses
 |
| 1. Fid the coefficient of the given term in the specified row of Pascal’s Triangle

Row 4 term 1 | 1. Expand the binomial using the Binomial Theorem or Pascal’s Triangle

, | 1. Find the given term:

, term 3 |