Provincial Review

Multiply and write as a simplified radical without using a calculator, and SHOW your work.

a) 

b) 

c) 

d) 

Express as an entire radical without using a calculator, and SHOW your work.

a) 

b) 

c) 

d) 

Express as a mixed radical in simplest from without using a calculator, and SHOW your work.

a) 

b) 

c) 

d) 

e) 

f) 

Simplify and reduce the following radicals, and SHOW your work.

a) 

b) 



\* No Calculators \* Answer in simplest form:

 Answers ↓ Answers ↓

|  |  |  |  |
| --- | --- | --- | --- |
| 1)  |  | 16)  |  |
| 2)  |  | 17)  |  |
| 3)  |  | 18)  |  |
| 4)  |  | 19)  |  |
| 5)  |  | 20)  |  |
| 6)  |  | 21)  |  |
| 7)  |  | 22)  |  |
| 8)  |  | 23)  |  |
| 9)  |  | 24)  |  |
| 10)  |  | 25) Express as a radical |  |
| 11)  |  |   |  |
| 12)  |  | 26) Express as a power |  |
| 13)  |  |  (exponential form) |  |
| 14)  |  |   |  |
| 15)  |  |  |  |

Simplify each expression.

1) 

2) 

3) 

4) 

Determine the equation for each table of values.

1.

|  |  |
| --- | --- |
| ***x*** | ***y*** |
| 2 | 5 |
| 3 | 7 |
| 4 | 9 |
| 5 | 11 |
| 6 | 13 |
| 7 | 15 |

3.

|  |  |
| --- | --- |
| ***x*** | ***y*** |
| −2 | −5 |
| −1 | −1 |
| 0 | 3 |
| 1 | 7 |
| 2 | 11 |
| 3 | 15 |

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