**Rewrite and simplify the following expressions in rational exponent form.**

|  |  |  |
| --- | --- | --- |
|  |  |  |
|  |  |  |
| **1** |  |  |
|  | y | x |
|  | x |  |

**Solve for x. Round answers to 2 decimal places if necessary.**

|  |  |  |
| --- | --- | --- |
| X=100 | X=125 | X=3 |
| X=2 | X=1.41 | X=1.36 |