Law of index:

# Algorithm

1. Check whether there is a basket or not.

If YES, use the law and go to step 2.

If NO, go to step 2.

1. Check whether there is any negative index.

If YES, use the law and go to step 3.

If NO, go to step 3.

1. use the law and show the result.

We hope the AI can follow the algorithm and sequence shown above to solve all questions in this chapter.

At the same time, the mistakes made by students can also be found more easily.

# Demonstrations

2013

Simplify and express you answer with positive indices.

Suggested Solution:

1. (using the law )
2. (using the law )

2014

Simplify and express you answer with positive indices.

Suggested Solution:

1. (using the law )
2. (using the law )
3. (using the law )

2016

Simplify and express you answer with positive indices.

Suggested Solution:

1. (using the law )
2. (using the law )
3. (using the law )