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| **Exponent Rule** | **Example** |
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**Exercise A:**

1. If, what is the largest prime factor of
2. If , then what is y?
3. If and , what is x?
4. Which is bigger or ?
5. Which is bigger or ?
6. , what is y?
7. , what is y?
9. Quantity A

Quantity B:

1. Quantity A

Quantity B:

1. Quantity A

Quantity B:

1. Quantity A

Quantity B:

1. If x =2, the value of is?
2. Quantity A

Quantity B:

1. Quantity A

Quantity B:

1. Simplify
2. If , then x must be equal to?
3. The quantity will end up in how many zeroes?
4. x is a positive odd integer

Quantity A:

Quantity B:

1. x and y are positive integers such that x < y. If = , then xy could equal
2. 36
3. 48
4. 54
5. 96
6. 108
7. 36<x<49

Quantity A:

Quantity B:

1. Quantity A:

Quantity B:

1. If , then n =
2. If , which of the following could be the value of N?
3. -10
4. -7
5. -3
6. 0
7. 3
8. 10
9. If -1 < x < 0, which of the following is correct?
10. Which of the following are equal to Indicate all correct answers.
11. If then n=
12. If , then n =
13. If then k=
14. If then =
15. If then a=
16. Can you simplify so that the denominator becomes an integer?
17. Quantity A:

Quantity B: 8800

1. Quantity A:

Quantity B:

1. **Quantity A:**

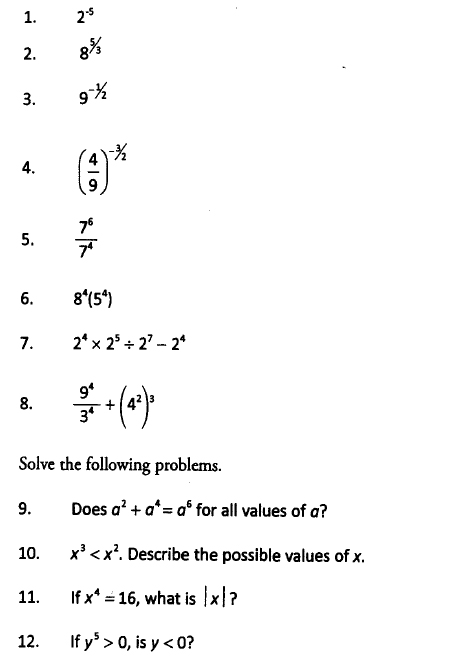
**Quantity B:**

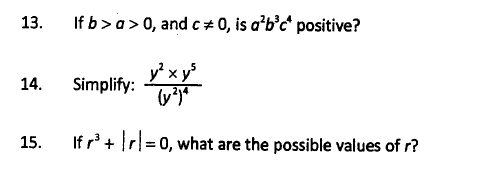
1. Simplify
2. Given that x is an integer greater than 1

Quantity A:

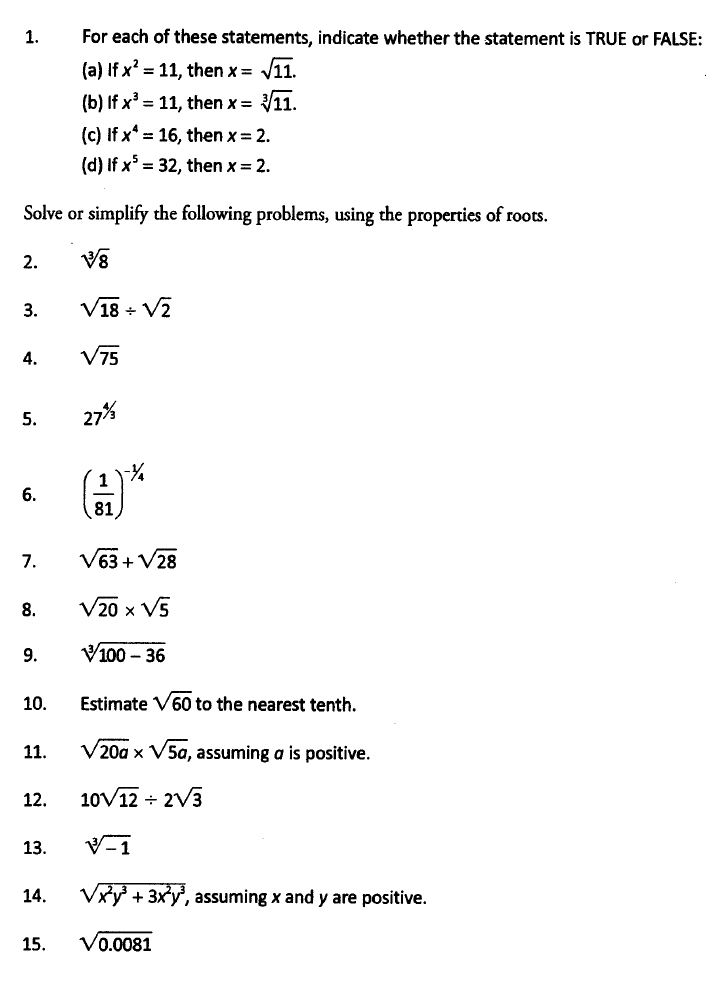
Quantity B:

**Exercise B**

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**Exercise C**

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