**Algebra   
Unit 1 Line Master 9a**

Jingle Cone Entrepreneur

Answers

Émilie’s company makes and sells the decorative cones   
used on jingle dresses.

1. Each pack of cones Émilie sells contains 100 cones.

Complete the table of values.

|  |  |
| --- | --- |
| **Number of packs, *p*** | **Number of jingle cones** |
| 1 | 100 |
| 2 |  |
| 3 |  |
| 4 |  |
| 5 |  |

2. Write an expression to describe the number of cones

when you know the number of packs purchased, *p*.

**Algebra   
Unit 1 Line Master 9b**

Jingle Cone Entrepreneur (cont’d)

Answers

3. Suppose a customer buys 12 packs.

How many jingle cones is that?

How did you determine your answer?

4. For the size of cones used on a children’s dress, Émilie charges

$21 for each pack.

Write an expression to describe the cost to buy *p* packs.

**Algebra   
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Jingle Cone Entrepreneur (cont’d)

Answers

5. a) A customer wants to order 400 cones to make

2 children’s dresses.

How many packs should they order?

Explain how you know.

b) How much will the customer have to pay for the jingle cones?   
 Explain how you know.