

Name: _____

Grade: 7A1

Write and solve two step equations of the form $p(x+q)=r$

Pete is making 8 identical fruit baskets as gifts. Each basket contains some apples and 12 oranges. Pete uses a total of 168 pieces of fruit to make the baskets. Determine the number of apples that are in each basket.

Part A: Which equation can be used to determine the number of apples in each basket.

- | | |
|----------------------|----------------------|
| A) $8(x - 12) = 168$ | B) $168(x + 12) = 8$ |
| C) $8(x + 12) = 168$ | D) $8(12 - x) = 168$ |

Part B: How many apples are there in each basket?

- | | | | |
|------|-------|-------|-------|
| A) 9 | B) 12 | C) 33 | D) 10 |
|------|-------|-------|-------|