

Answer on Question #39691 – Math – Algebra

Bob has three sacks of apples and three more apples in his pocket. Each sack contains the same number of apples. All together, Bob has 33 apples. How many apples are in each sack?

Solution:

Let Bob has x apples in each sack.

Since each sack contains the same number of apples, so $3 \cdot x$ apples are in the sacks.

Then

$$3 \cdot x + 3[\text{three apples are in Bob's pocket}] = 33.$$

Whence

$$x = 10.$$

Answer: 10.