DarTutors · Word Problems: With Variables

Name: Date:

1. Neema had some exercise books. She then received 150 more, and now has 251 exercise books. If p is the number of exercise books she had at first, find the value of p.

2. Zawadi had n bags of cement. She gave away 28 of them, leaving 60. Find the value of n.

3. Zawadi had some bricks. She then received 123 more, and now has 171 bricks. If p is the number of bricks she had at first, find the value of p.

4. Fatuma had n goats. She gave away 58 of them, leaving 58. Find the value of n.

5. Amina had some mangoes. She then received 57 more, and now has 100 mangoes. If m is the number of mangoes she had at first, find the value of m.

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6. Rehema arranges goats into y equal rows, with 24 in each row, making 144 goats in total. Find the value of y.

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7. Daudi arranges sacks of maize into m equal rows, with 15 in each row, making 150 sacks of maize in total. Find the value of m.

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8. Daudi had some exercise books. He then received 27 more, and now has 122 exercise books. If a is the number of exercise books he had at first, find the value of a.

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9. Baraka arranges bags of cement into k equal rows, with 23 in each row, making 345 bags of cement in total. Find the value of k.

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10. Neema arranges chickens into x equal rows, with 28 in each row, making 448 chickens in total. Find the value of x.

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ANSWER KEY

1. 101

2. 88

3. 48

4. 116

5. 43

6. 6

7. 10

8. 95

9. 15

10. 16

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