Name _____ Score _____ / 10 Teacher _____ Date _____

Two-Step Equation Word Problems

Read each story carefully. Use the relevant facts to find the requested quantity.

1. Three consecutive numbers begin with an unknown value and total 48. Find the first number.

2. Three consecutive even numbers begin with an unknown value and total 48. Find the first number.

3. Three consecutive odd numbers begin with an unknown value and total 27. Find the first number.

4. Half of a starting amount is taken, then 2 units are added, giving 5 units. What was the starting amount?

5. After 2 units are added to a starting amount, half of the new amount is 5 units. What was the starting amount?

6. A service costs a fixed 12 dollars plus 8 dollars for each hour. The bill is 92 dollars. How many hours were billed?

7. A budget of 34 dollars buys items at 3 dollars each and leaves 4 dollars. How many items are bought?

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Two-Step Equation Word Problems

Read each story carefully. Use the relevant facts to find the requested quantity.

8. 6 full buses each carry 38 passengers, and 11 more passengers use a smaller vehicle. How many passengers travel?

9. A walker covers 6 meters in each stage. After ? stages, 6 meters are excluded from the recorded route, leaving 66 meters. How many stages were walked?

10. Three teams have the same number of items. Another table has 9 items; altogether there are 42. How many items does each team have?