Math Sheet

Name _____ Score _____ / 10 Teacher _____ Date _____

Multi-Step Equation Word Problems

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

1. A number is used in this process: (? × 5 - 2) ÷ 5 = -1.3. Find that number. Find the unknown quantity.

2. A number is used in this process: (? ÷ 4) × 2 + 9 = 11 1/2. Find that number. Find the unknown quantity.

3. A number is used in this process: ((12.1 - ?) × 2) ÷ 5 = 5.2. Find that number. Find the unknown quantity.

4. A number is used in this process: ((7 + 5) × 2) ÷ ? = -6. Find that number. Find the unknown quantity.

5. A number is used in this process: (? × 2 - 5) ÷ 5 = -1/5. Find that number. Find the unknown quantity.

6. A number is used in this process: (? ÷ 5) × 3 + 9 = 8.82. Find that number. Find the unknown quantity.

7. A number is used in this process: ((5 - ?) × 3) ÷ 5 = 12. Find that number. Find the unknown quantity.

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

8. A number is used in this process: ((19 + 8) × 5) ÷ ? = -45. Find that number. Find the unknown quantity.

9. A number is used in this process: (? × 5 - 5) ÷ 2 = -1. Find that number. Find the unknown quantity.

10. A number is used in this process: (? ÷ 2) × 5 + 8 = 9.25. Find that number. Find the unknown quantity.