Algebra 1 Solving 1-step Equations Fall 2015 Name

You may use a calculator on this sheet. Round to the nearest hundredth when needed.

Solve each equation. **SHOW YOUR WORK!!** Place your answers in the spaces provided.

1. $-7.3 + Q = 29.4$ $Q =$

2. $-79 = H + 42$ $H =$

3. $C - 401 = -674$ $C =$

4. $13A = -105$ $A =$

5. $-1.5G = -7.2$ $G =$

6. $-M = 4.3$ $M =$

7. $\frac{K}{4} = 12$ $K =$

8. $\frac{3}{7}X = 6$ $X =$

9. $-\frac{1}{5}R = 35$ $R =$

Algebra 1 Solving 1-step Equations Fall 2015 Name ANSWERS

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Solve each equation. **SHOW YOUR WORK!!** Place your answers in the spaces provided.

1. $-7.3 + Q = 29.4$ $Q = 36.7$

$+7.3 \quad +7.3$

$Q = 36.7$

2. $-79 = H + 42$ $H = -121$

$-42 \quad -42$

$H = -121$

3. $C - 401 = -674$ $C = -273$

$+401 \quad +401$

$C = -273$

4. $13A = -105$ $A = -8.08$

$\frac{13A}{13} = \frac{-105}{13}$

$A = \frac{-105}{13} = -8.076923077$

5. $-1.5G = -7.2$ $G = 4.8$

$\frac{-1.5G}{-1.5} = \frac{-7.2}{-1.5}$

$G = 4.8$

6. $-M = 4.3$ $M = -4.3$

$\frac{-M}{-1} = \frac{4.3}{-1}$

7. $\frac{K}{4} = 12 \cdot 4$ $K = 48$

$K = 12 \cdot 4$

8. $\frac{3}{7}X = 6 \cdot \frac{7}{3}$ $X = 14$

$X = 6 \cdot 7/3$

$6 \div 3 \cdot 7$

$2 \cdot 7 = 14$

9. $\left(-\frac{1}{5}R\right)^{-5} = (35)^{-5}$ $R = -175$

$R = (35)(-5)$