Whiteboards day 2

November 9, 2016 10:22 AM

Show all steps: tenth.

1. $43.8x = 114$

$\div 43.8$

2. $x - 21.9 = -13.6$

$+21.9 \quad +21.9$

$x = 8.3$

3. $\frac{5.2}{}(16) = \frac{x}{5.2}\cancel{)}\ ^{5.2}$

$83.2 = x$

4. $73 = x + 92$

-92

$-19 = x$

5. $\frac{x}{9.6}\cancel{)}\ ^{9.6} = (-1.7)(9.6)$

$x = -16.32$

6. $m - 56 = -12$

$+56 \quad +56$

+36 | +36

$m = 44$

7. $-13y = 1157$

$\div -13 \quad \div -13$

$y = -89$

$-13y = 1157$ ✓

$-13(-89)$

1157

Solve and Check using Subsitution

8. $\frac{x}{4.5} = 12.3$ (4.5) (4.5)

$x = 55.35$

$\frac{x}{4.5} = 12.3$ ✓

$\frac{55.35}{4.5}$

12.3

9. $8.7m = 78.3$

$\div 8.7 \quad \div 8.7$

$m = 9$

$8.7m = 78.3$ ✓

$8.7(9)$

78.3 ✓

Solve:

10. $\frac{x}{6} - 8 = 4$

$+8 \quad +8$

10. $\frac{x}{6} - 8 = 4$ $+8$ $+8$

$\frac{x}{6} = 12$ (6)

$x = 72$