Integrated Math 1

One-Step Solving - NOTES

Name ___Key___

Date _____

Solve each equation.

1) $128 = 8n$

$\dfrac{128}{8} = \dfrac{8n}{8}$

$\boxed{16 = n}$

2) $-5n = -90$

$\dfrac{-5n}{-5} = \dfrac{-90}{-5}$

$\boxed{n = 18}$

3) $-132 = -11v$

$\dfrac{-132}{-11} = \dfrac{-11v}{-11}$

$\boxed{12 = v}$

4) $16x = 256$

$\dfrac{16x}{16} = \dfrac{256}{16}$

$\boxed{x = 16}$

5) $10 = \dfrac{n}{17} \cdot 17$ 17

$\boxed{170 = n}$

6) $\dfrac{k}{17} = -11 \cdot 17$ 17

$\boxed{k = -187}$

7) $\dfrac{x}{12} = 16 \cdot 12$ 12

$\boxed{x = 192}$

8) $\dfrac{3}{5} = \dfrac{n}{15}$ 15 15

$\boxed{9 = n}$

9) $8 = m + 6$

$-6 \quad -6$

$\boxed{2 = m}$

10) $7 = 16 + n$

$-16 \quad -16$

$\boxed{-9 = n}$

11) $29 = 18 + x$

$-18 \quad -18$

$\boxed{11 = x}$

12) $n + 15 = 6$

$-15 \quad -15$

$\boxed{n = -9}$

13) $x - 16 = 0$

$+16 \quad +16$

$\boxed{x = 16}$

14) $x - 12 = -16$

$+12 \quad +12$

$\boxed{x = -4}$

15) $-10 = -14 + x$

$+14 \quad +14$

$\boxed{4 = x}$

16) $-17 + k = 0$

$+17 \quad +17$

$\boxed{k = 17}$