Literal Equations Practice

**Directions:** Problems must be done in order from 1-10! Your partner should solve a problem and sign their name in the box with that problem. You can only work one problem on each person’s paper.

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| **1.** Solve for $y:$ $3y-9x=18$ | **2.**  Solve for $P$: $3\left(P-L\right)=6L$ |
| **3.** Solve for $l$: $V = lwh$ | **4.** Solve for $p$: $h=\frac{p}{n}$ |
| **5.** Solve for $p$: $I = prt$ | **6.** Solve for $y: x+2y=4$ |
| **7.** Solve for $y: 6x+2y=18$ | **8.** Solve for $z: \frac{y+z}{3}=x$ |
| **9.** Use the formula for temperature $F= \frac{9}{5}C+ 32$ where F is Fahrenheit and C is Celsius. Solve the formula for C. If the temperature is 68° F, what is the temperature in Celsius? | **10.** The formula for the circumference of a circle is $C = 2πr. $Solve the formula for radius.If the circumference is 157 inches, what is the radius? (Use 3.14 for π. Your answer may be a decimal.) |