Common Core Math 1/Algebra 1

Literal Equations

People Search Activity

Sarah's School of Math

Students go around the room and trade papers with their classmates. They each work a problem on the other person's paper then trade back. Problems must be worked in order from #1-12 so one student cannot just work the same problem over and over again. The best thing about this activity is the opportunity for students to get out of their seat and move around the classroom. Students must sign the box in which they complete the problem. This helps the teacher know who is getting them right when the papers are graded.

ANSWER KEY INCLUDED!!

People Search-Literal Equations

Directions: Problems must be done in order from #1-12!!! Each person should sign the box that they work. You can only work one problem on each person's paper. Copying will result in zeros for both people!!! **Find someone who can…**

1. Solve for a: ad = f	**2.** Solve for n: n + w = x
3. Solve for t: 2s + t = r	**4.** Solve for n: m + 2n = p
5. Solve for a: ab – c = d	**6**. Solve for p: $h = \frac{p}{n}$
7. Solve for x: x + 3y = z	**8.** Solve for *l*: *V = lwh*
9. Solve for g: $P = g - 2v$	**10.** Solve for p: $I = prt$
11. Solve for C: $R = C(1+r)$	**12.** Solve for R: $P = \frac{R}{V}$

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People Search-Literal Equations-KEY

Directions: Problems must be done in order from #1-12!!! Each person should sign the box that they work. You can only work one problem on each person's paper. Copying will result in zeros for both people!!! **Find someone who can…**

1. Solve for a: ad = f **a = f/d**	**2.** Solve for n: n + w = x **n = x – w**
3. Solve for t: 2s + t = r **t = r – 2s**	**4.** Solve for n: m + 2n = p $n = \frac{p-m}{2}$
5. Solve for a: ab – c = d $a = \frac{d+c}{b}$	**6.** Solve for p: $h = \frac{p}{n}$ **p = hn**
7. Solve for x: x + 3y = z **x = z – 3y**	**8.** Solve for l: $V = lwh$ $l = \frac{V}{wh}$
9. Solve for g: $P = g - 2v$ **g = P + 2v**	**10.** Solve for p: $I = prt$ $p = \frac{I}{rt}$
11. Solve for C: $R = C(1+r)$ $C = \frac{R}{(1+r)}$	**12.** Solve for R: $P = \frac{R}{V}$ **R = PV**

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