

Take out your ws from yesterday

- 7) Sumalee won 40 super bouncy balls playing horseshoes at her school's game night. Later, she gave two to each of her friends. She only has 8 remaining. How many friends does she have?

$$\begin{array}{r}
 40 - 2x = 8 \\
 -40 \\
 \hline
 -2x = -32 \\
 \div 2 \\
 \hline
 x = 16
 \end{array}$$

- 10) How old am I if 400 reduced by 2 times my age is 244?

$$\begin{array}{r}
 400 - 2a = 244 \\
 -400 \\
 \hline
 -2a = -156 \\
 \div 2 \\
 \hline
 a = 78
 \end{array}$$

- 12) For a field trip 4 students rode in cars and the rest filled nine buses. How many students were in each bus if 472 students were on the trip?

$$\begin{array}{r}
 4 + 9b = 472 \\
 -4 \\
 \hline
 9b = 468 \\
 \div 9 \\
 \hline
 b = 52
 \end{array}$$

- 14) The Cooking Club made some pies to sell at a basketball game to raise money for the new math books. The cafeteria contributed four pies to the sale. Each pie was then cut into five pieces and sold. There were a total of 60 pieces to sell. How many pies did the club make?

$$\begin{array}{r}
 5x + 20 = 60 \\
 -20 \\
 \hline
 5x = 40 \\
 \div 5 \\
 \hline
 x = 8
 \end{array}$$

5 x pieces
4(5) = 20

Oct 25-1:27 PM



Solve multi-step equations algebraically.

Oct 25-1:33 PM

<p>wspg40</p> <p>6. $-2(5 + 6m) + 16 = -90$</p> <p>AL $-10 - 12m + 16 = -90$</p> <p>$-12m + 6 = -90$</p> <p>$-12m = -96$</p> <p>$m = 8$</p>	<p>8. $7w - 3(4w + 8) = 11$</p> <p>$7w - 12w - 24 = 11$</p> <p>$-5w - 24 = 11$</p> <p>$+24$</p> <p>$-5w = 35$</p> <p>$w = -7$</p>
<p>10. $18x - (8x - 7) = 67$</p> <p>$18x - 8x + 7 = 67$</p> <p>$10x + 7 = 67$</p> <p>$10x = 60$</p> <p>$x = 6$</p>	<p>13. $-3(3x + 15) - (10 + x) = 35$</p> <p>$-9x - 45 - 10 - x = 35$</p> <p>$-10x - 55 = 35$</p> <p>$+55$</p> <p>$-10x = 90$</p> <p>$-10$</p> <p>$x = -9$</p>

Oct 25-1:43 PM

Homework - Due Tuesday

Complete wS 40 solving ALGEBRAICALLY

QUIZ MONDAY!

Distributive Property, Algebraic Expressions, 1- and 2-step equations (writing and solving)

Oct 25-1:46 PM