Answer the first problem. Circle your answer. Find your answer among the choices. Put #2 in the problem blank. Answer that question and proceed in this manner until finished.

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| --- | --- |
| Answer: 34 #\_\_\_\_  Simplify  4x – 3 + 10x - 15 | Answer: x = 21 #\_\_\_\_  Solve the equation:  x/8 + 4 = 16 |
| Answer: -8 #\_\_\_\_  The length of a rectangle is 4 inches more than its width. The perimeter is 96 inches. Find the length of the rectangle. | Answer: x = 96 #\_\_\_\_  Solve the equation:  14 – (2x + 5) = -2x + 9 |
| Answer: P = 8 - s #\_\_\_\_  Solve the equation  -x + 5 = 16 | Answer: -11 #\_\_\_\_  Evaluate for x= -5 and y = 2  -x + y2 + x2 |
| Answer: Identity #\_\_\_\_  Solve the equation  6x + 1 = 6x – 8 | Answer: 25 #\_\_\_\_  Adam was thinking of four consecutive even integers, but forgot them! All he remembers is that they add to -28 . Can you tell him his second term? |
| Answer: 26 #\_\_\_\_  Write an equation for the following:  The Perimeter (P) of a square is 4 times the length of a side (s). | Answer: No Solution #\_\_\_\_  Moe and Ali are shopping at Somerset. Suppose Ali wants to buy one pair of pants and several pairs of socks. The pants cost $26.95, and the socks are $4.95 per pair. How many pairs of socks can Ali buy if he has $60.00 to spend? |
| Answer: 14x - 18 #\_\_\_\_  Evaluate for x= -5 and y = 2  x2 - y | Answer: P=4s #\_\_\_\_  Write an equation for the following:  What is the number of slices of pizza left (p) from and 8 slice pizza after you have eaten some slices (s)? |
| Answer: 6 #\_\_\_\_    Hussein is making an apple pie for Hassan. Suppose he has peeled 2.5 lb. of apples, and he can peel apples at a rate of 1.5 lb. per hour. How many more hours will it take Hussein to peel a total of 13 lb. of apples? | Answer: x = 7 #\_\_\_\_  Planet Fitness charges non-members $3 to use the gym each visit. Dearborn Gym requires a $25 membership and members pay only $2.00 each visit. For what number of gym visits is the cost the same? |