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Pre-Algebra 5th Grade Worksheet 1

1. Which of the following options can be used instead of the question mark: $5 + ? = 23$
 - a. 13
 - b. 18
 - c. 23
 - d. 5
2. It was noticed that in a village of 30 people, 12 were kids. Find the number of the adults there.



3. Find the value of the blank in: $6 \times \underline{\quad} = 42$
4. "The missing value in the equation $8 + \underline{\quad} = 24$ is 16." The given statement is
 - a. True
 - b. False
5. When 14 is added to me, my value becomes 20. Find me!
 - a. 4
 - b. 5
 - c. 6
 - d. 7

6. Elena notices that bubbles are emerging from her soap when she adds water to it. She notices that there are 7 big bubbles and 16 total number of bubbles. Can you help her in finding the number of small bubbles?



7. Find the value of three times the number found by adding three and four.
8. Match the following:

a. $9 + \underline{\quad} = 13$	i. 12
b. $3 \times \underline{\quad} = 36$	ii. 8
c. $7 + \underline{\quad} = 15$	iii. 4

9. $3 (\underline{\quad}) = 2 + 5 \times 8$. Fill in the blank.

10. If Sam's age is 24, and Harry's age is 5 more than $\frac{1}{3}$ rd of Sam's age, find Harry's age.

- a. 8 years
- b. 13 years
- c. 18 years
- d. 17 years

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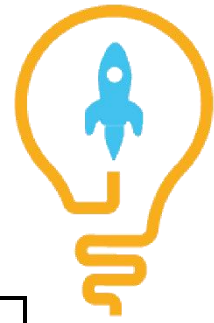
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ANSWERS

1. b	2. 18
3. 7	4. a. True
5. c.	6. 9
7. 21	8. a =iii b =i c =ii
9. 14	10. b.

FUN FACT

1. When you start thinking logically rather than computing the [data](#), you are actually using ideas of [algebra](#) (or pre-algebra) to find solutions.
2. In order to solve [equations](#) where some missing element is given, we try to solve it backwards – hence getting the value of the unknown.
3. We can express the blank / question mark by a random letter in many cases. This random number is called a variable.

