

Name _____

Solving for the Hidden Number on Adventure Island

Directions: Each problem hides a missing number - your job is to find it!
Use addition, subtraction, multiplication, and division to make both sides equal.
Show all your work.



1) Simple Equation: $3x + 5 = 20$ ($x = \underline{\hspace{2cm}}$)

2) Balance the Treasure Scale: $4x - 8 = 12$ ($x = \underline{\hspace{2cm}}$)

3) Mysterious Map Code: $6 + 2x = 18$ ($x = \underline{\hspace{2cm}}$)

4) Coconut Exchange: $4x = 48$ ($x = \underline{\hspace{2cm}}$)

5) Puzzle Box: $(x \div 3) + 5 = 11$ ($x = \underline{\hspace{2cm}}$)

6) Bridge Planks: $5x + 9 = 34$ ($x = \underline{\hspace{2cm}}$)

7) Jungle Path Equation: $18 - x = 7$ ($x = \underline{\hspace{2cm}}$)

8) Emerald Weigh-In: $7x = 42$ ($x = \underline{\hspace{2cm}}$)

9) Broken Compass Equation: $(2x + 6) \div 3 = 8$ ($x = \underline{\hspace{2cm}}$)

10) The Hidden Key: $15 = x + 9$ ($x = \underline{\hspace{2cm}}$)

11) Trade Post Puzzle: $9x - 15 = 30$ ($x = \underline{\hspace{2cm}}$)