

Cross Number Puzzles— Addition and Subtraction

Name: _____

You will solve puzzles in which numbers are missing from a grid.

EXPLORE

1. Open **Cross Number Puzzles--Addition and Subtraction.gsp**. Go to page “Game A.”

Follow these steps to play a game:

- Drag the red point to enter a number in an empty square.
- Complete the puzzle so each square has a number that meets the game rules on the “Introduction” page.
- Press the *Check Answer* button to see if your solution is correct.
- If the solution is correct, you earn 10 points! Press *Next Puzzle* to try the next puzzle. There are 10 puzzles in all.
- If your solution is incorrect, try again! You lose 2 points each time you try again.
- If you are really sure of your answer, press the *Next Puzzle* button without pressing *Check Answer*. Be careful! If your solution is incorrect, you will not have an opportunity to try again and earn some points.

2. When you are done, write your final score. Then explain your strategy for solving the puzzles. Be prepared to discuss your thinking on all of these questions.

Score: _____

3. Go to page “Game B.” Play the game. When you are done, write your final score. Then explain your strategy for solving the puzzles.

Score: _____

4. Go to page “Game C.” Play the game. When you are done, write your final score. Then explain your strategy for solving the puzzles.

Score: _____

5. Go to page “Game D.” Play the game. When you are done, write your final score. Then explain your strategy for solving the puzzles.

Score: _____
