

Using Cross Number Puzzles to Add

NCTM Standards 1, 2, 6, 9, 10

Complete each Cross Number Puzzle and number sentence. The blocks in the bottom row of the puzzle may not always be the fewest blocks to match the total sum. You may want to draw another picture that shows fewest blocks.

1

		.	numbers
		••••	29
		••••	37

$$\begin{array}{r} 29 \\ + 37 \\ \hline \square \end{array}$$

2

		.	numbers
□□ □□		••••	409
□		••••	128

$$\begin{array}{r} 409 \\ + 128 \\ \hline \square \end{array}$$

3

		.	numbers
		••	162
			345

$$\begin{array}{r} 162 \\ + 345 \\ \hline \square \end{array}$$

4

		.	numbers
			236
			285

$$\begin{array}{r} 236 \\ + 285 \\ \hline \square \end{array}$$

Complete each Cross Number Puzzle.

5

700	80	5	
100	60	9	

6

200	70	3	
500	30	7	

7

600	60	7	
100	60	5	

8

300	40	5	
200	50	7	

9

100	20		128
100		6	186

10

	40	9	349
200		7	277

11 Challenge

	80	3	683
300	10		317