

Three-Room Number Houses

Name: _____

Date: _____

Each floor has three rooms that add up to the roof number. Find the missing number.

14	16	18
6	5	2
7	7	5
1	8	
	1	3
8		2
2	8	15
6		1
	1	
9	4	3
4		6
	6	
2		4
10	1	10
1	1	1
6		3
9		1
	1	2
2	9	

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Answer Key

Each floor has three rooms that add up to the roof number. Find the missing number.

The image shows three houses, each with a different colored roof and a target number in the roof. Each house has seven floors, each with three rooms. The numbers in the rooms are as follows:

House	Roof Number	Floor 1	Floor 2	Floor 3	Floor 4	Floor 5	Floor 6	Floor 7
Yellow	14	6, 7, 1	1, 5, 8	2, 6, 6	9, 4, 1	6, 6, 2	4, 4, 6	9, 3, 2
Teal	16	5, 7, 4	8, 1, 7	8, 7, 1	4, 1, 11	6, 4, 6	10, 1, 5	6, 1, 9
Brown	18	2, 5, 11	13, 3, 2	15, 2, 1	9, 3, 6	4, 10, 4	14, 1, 3	15, 1, 2