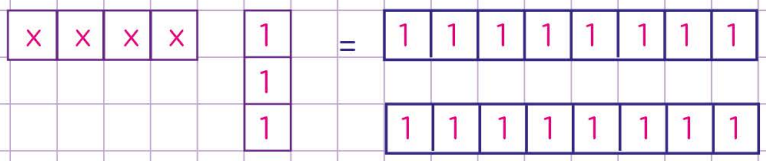
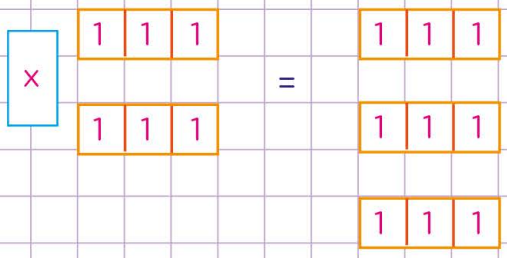
Name: ..... Class: .....

Model and solve equations using algebra tiles

1. Which equation does this set of algebra tiles represent?



2. Which equation does this set of algebra tiles represent?.

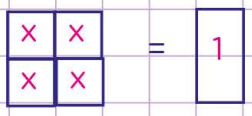


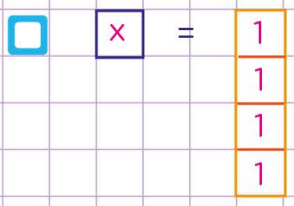
☐ x + 4 = 7 ☐ x + 3 = 9 ☐ x + 4 = 8 ☐ x + 6 = 9

3. Which set of algebra tiles represents the equation x = 4?

☐

☐

☐ 

☐ 

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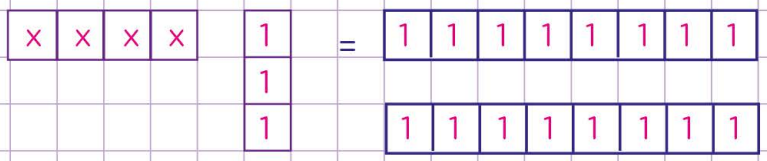
Solution

Name: ..... Class: .....

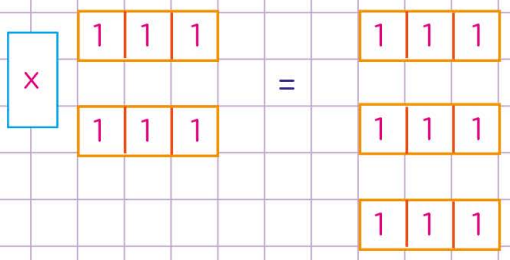
Model and solve equations using algebra tiles

1. Which equation does this set of algebra tiles represent?



Look at the tiles on the left side of the set.
The left side has 4 (x) tiles and 3 (1) tiles.
Look at the tiles on the right side of the set.
The right side has 16 (1) tiles.
So, the right side of the equation should be 16.
Therefore, the set of algebra tiles represent 4x + 3 = 16.

2. Which equation does this set of algebra tiles represent?.



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3. Which set of algebra tiles represents the equation x = 4?

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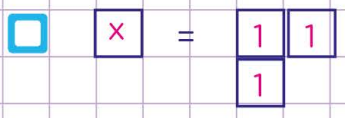
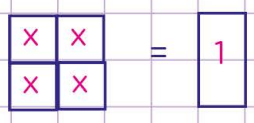
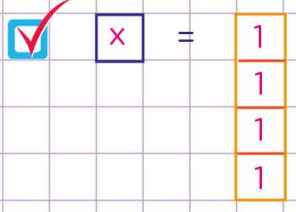
☐ 

☐ 

☑ 

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