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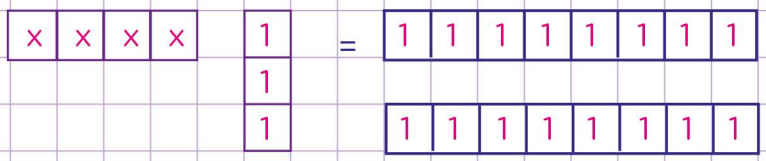
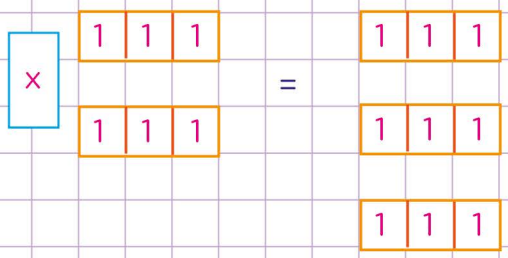
Name: ..... Class: .....

Model and solve equations using algebra tiles

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



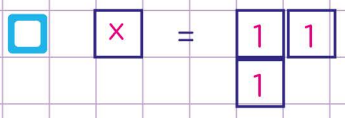
2. Which equation does this set of algebra tiles represent?.

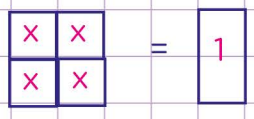


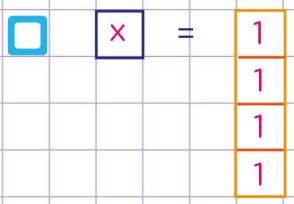
☐ x + 4 = 7 ☐ x + 3 = 9 ☐ x + 4 = 8 ☐ x + 6 = 9

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

☐

☐ 

☐ 

☐ 

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Solution

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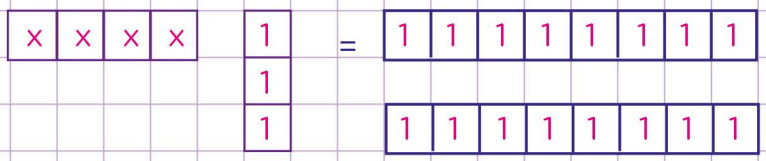
Name: ..... Class: .....

Model and solve equations using algebra tiles

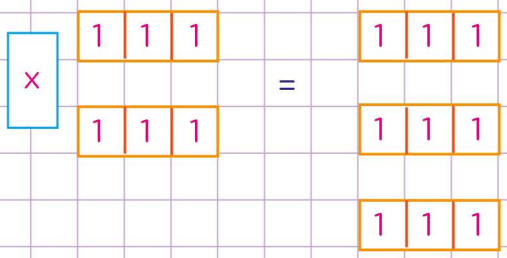
1. Which equation does this set of algebra tiles represent?



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 $4x + 3 = 16$

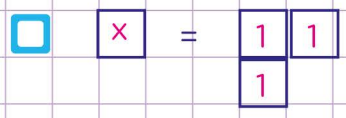
2. Which equation does this set of algebra tiles represent?.

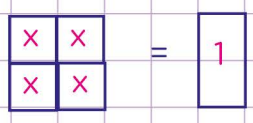


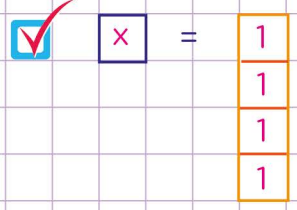
☐ $x + 4 = 7$ ☐ $x + 3 = 9$ ☐ $x + 4 = 8$ ☑ $x + 6 = 9$

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

☐

☐ 

☐ 

☑ 

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