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Math 7 Period \_\_\_\_\_  
7.6.3 Homework Set

Name \_\_\_\_\_  
Date \_\_\_\_\_

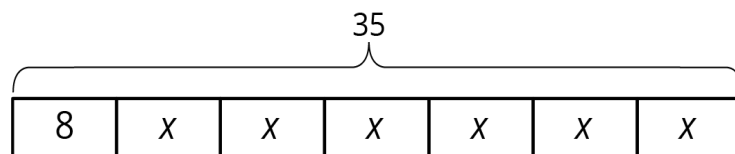
1. Use a T check to determine whether the given value is a solution to the equation.

a.  $4n - 3 = 9$ ,  $n = 3$

b.  $4m - 9 = 1 + 3m$ ,  $m = 10$

c.  $3(y + 8) = 114$ ,  $y = 30$

2. Select **all** the equations that match the tape diagram.



a.  $8 + x + x + x + x + x + x = 35$

d.  $6 + 8x = 35$

b.  $8x + 6x = 35x$

e.  $8 + 6x = 35x$

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**Challenge:** Solve the equation in Question 2 for the value of  $x$ .