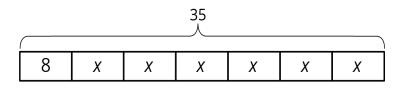
1. Use a T check to determine whether the given value is a solution to the equation.

a.
$$4n - 3 = 9 - 2n$$
, $n = 2$

b.
$$9m - 19 = 1 + 3m$$
, $m = \frac{10}{3}$

c.
$$3(y + 8) = 2y - 6$$
, $y = 30$

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



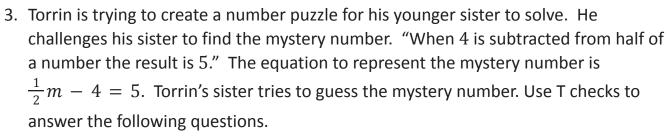
a.
$$35 = 8 + x + x + x + x + x + x + x$$

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

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

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

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



a. Her first guess is 30. Is she correct?

b. Her second guess is 2. Is she correct?

c. Her final guess is 9. Is she correct?

Challenge: What is the mystery number if none of Torrin's sister's guesses were correct? If one is correct, show the work his sister may have done to get that value.