Model and Solve Multiplication Equations

COMMON CORE STANDARD—6.EE.7
*Reason about and solve one-variable
equations and inequalities.*

Model and solve the equation by using algebra tiles.

1. $2x = 8$ **2.** $5x = 10$ **3.** $21 = 3x$

_____**x = 4**_____ _____ _____

4. $4x = 20$ **5.** $6x = 6$ **6.** $4 = 2x$

_____ _____ _____

Solve the equation by drawing a model.

7. $6 = 3x$ **8.** $4x = 12$

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Problem Solving *Real World*

9. A chef used 20 eggs to make 5 omelets. Model
and solve the equation $5x = 20$ to find the
number of eggs x in each omelet.

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10. Last month, Julio played 3 times as many video
games as Scott did. Julio played 18 video games.
Write and solve an equation to find the number
of video games Scott played.

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