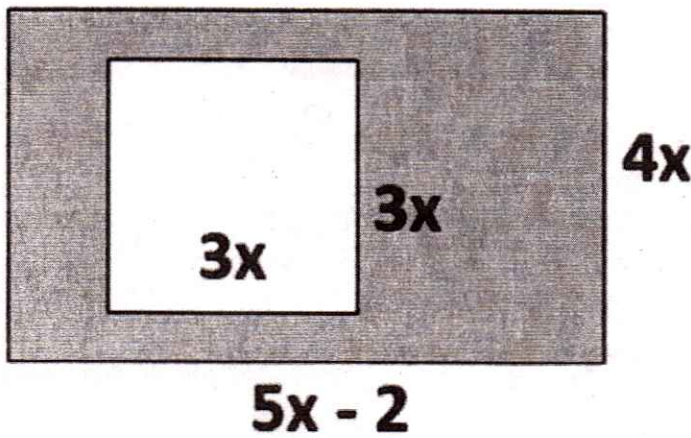


Test Day Warm up:

1. Find the area of the shaded region:



2. Find M and n

$$(4x^2 + 2x - 8) + (mx^2 - nx + 4) = 7x^2 - 5x - 4$$

$$(x + 4)(x + m) = x^2 + nx - 24$$