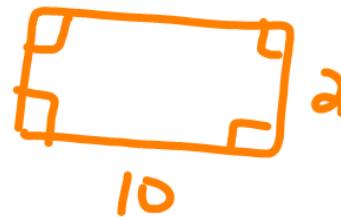
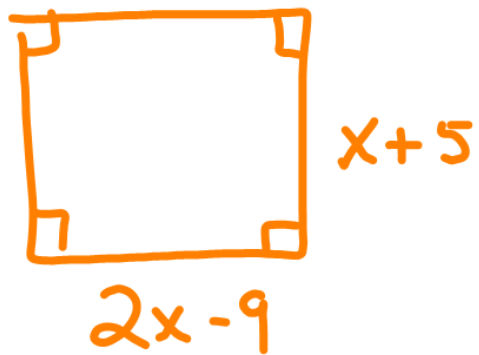


Warm-up

Find area of



9.3 "Special" Products

Expand $7^2 = 7 \cdot 7$

$$a^2 = a \cdot a$$

$$(x+4)^2 = (x+4)(x+4)$$

So ...

$$(x+4)^2$$

Write $(x+4)(x+4)$

$$x^2 + 4x + 4x + 16$$

$$\underline{x^2 + 8x + 16}$$

$$(3x-7)^2$$

Write $(3x-7)(3x-7)$

$$9x^2 - 21x - 21x + 49$$

$$\underline{9x^2 - 42x + 49}$$

Different
signs

$$(2t+5)(2t-5)$$

Homework

$$\textcircled{3} (x+8)^2$$

$$\textcircled{13} (2x+1)(2x-1)$$

$$\textcircled{7} (n-11)^2$$

$$\textcircled{25} (3m+11n)(3m-11n)$$

$$\textcircled{28} (13-2x)^2$$

$$\textcircled{32} \overset{\text{Try}}{(-x-24)^2}$$