

1

(1) $\frac{1}{2}x + \frac{5}{6}y$

(2) $2(x+1)(x+2)$

(3) $4\sqrt{6}$

(4) $x=6$, $y=-1$

(5) $n=28$

(6) $-27 \leq y \leq 0$

(7) 28 cm^2

(8) $36\pi - 72 \text{ cm}^2$