10.2

(6) $A = bh$

$A = 10(6)$

$A = 60\ m^2$

(7) $A = bh$

$A = 5(5)$

$A = 25\ m^2$

(8) $A = bh$

$A = 12(9)$

$A = 108\ cm^2$

(9) $A = bh$

$A = 3(4)$

$A = 12\ ft^2$

(10) $A = bh$

$A = 15(10)$

$A = 150\ in^2$

(11) $A = bh$

$A = 14(28)$

$A = 392\ m^2$

(16) $A = bh$

$A = 21$ the whole number factors of 21 are 3 and 7

Using 3 and 7, $P = 2(3) + 2(7)$

$P = 6 + 14$

$P = 20$

3ft by 7ft

(18) $L = 14\ in$

w

A

$P = 34\ in$

$P = 2L + 2w$

$34 = 2(14) + 2w$

$34 = 28 + 2w$

$-28 \quad -28$

$\frac{6}{2} = \frac{2w}{2}$

$3\ in = w$

$A = Lw$

$A = 14(3)$

$A = 42\ in^2$

(19) $L =$

$w = 4.2\ m$

$A = 37.8\ m^2$

$P =$

$A = Lw$

$\frac{37.8}{4.2} = \frac{L(4.2)}{4.2}$

$9\ m = L$

$P = 2L + 2w$

$P = 2(9) + 2(4.2)$

$P = 18 + 8.4$

$P = 26.4\ m$

(20) $L = 7\ ft$

$w =$

$A = 18.2\ ft^2$

$P =$

$A = Lw$

$\frac{18.2}{7} = \frac{7w}{7}$

$2.6\ ft = w$

$P = 2L + 2w$

$P = 2(7) + 2(2.6)$

$P = 14 + 5.2$

$P = 19.2\ ft$