

## WHAT IS X?



Solve for the unknown. Show your work.

**A**  $14x + 8 = 18x - 4$

$$\begin{aligned} 4 + 14x + 8 &= 18x - 4 + 4 \\ -14x + 12 + 14x &= 18x - 14x \\ 12 &= 4x \\ 3 &= x \end{aligned}$$

**B**  $6b - 4 = 2(b - 3)$

**C**  $5(11 + 12) + 4n = 114$

**D**  $4m = 2(4m) - 4$

**E**  $-12n = -36$

**F**  $7x - 2 = 8 + 2x$

**G**  $110 - m = 100$

**H**  $4(3a + 1) = 3a + 22$

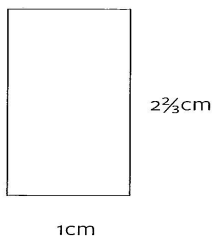
**I**  $7s + 5(2 - s) = -10$

**J**  $5x - 2 = 3x + 10$

**K**  $a - 3(2a) = -25$

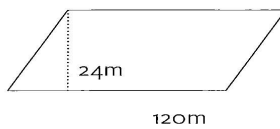
**L**  $4x + 8 = 32$

Find the area and perimeter for each shape.

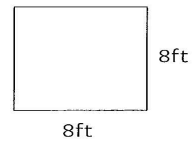


A = \_\_\_\_\_

P = \_\_\_\_\_



A = \_\_\_\_\_



A = \_\_\_\_\_

P = \_\_\_\_\_