

Name: \_\_\_\_\_



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Solve:

a)  $x + \frac{x+6}{2} = 15$

f)  $\frac{x+6}{2} + \frac{x}{3} = 13$

b)  $\frac{x-2}{4} + 2x = 13$

g)  $\frac{x+3}{5} + \frac{3x}{2} = 21$

c)  $x + \frac{x-3}{2} = 6$

h)  $\frac{x+4}{6} + \frac{2x-1}{3} = 7$

d)  $\frac{x}{2} + 4x = 36$

i)  $\frac{x+7}{5} + \frac{4x}{2} = 8$

e)  $\frac{x+1}{2} + \frac{x+2}{3} = 12$

j)  $\frac{x-4}{6} + \frac{2x-4}{2} = 9$

 **Exam question:**

The rectangle has dimensions given as algebraic expression in metres.  
Find  $x$  if the perimeter is 36m.

$$\frac{4x-3}{3}$$

$$\frac{2x-4}{2}$$

