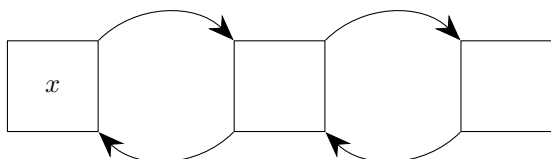


Two-step equations

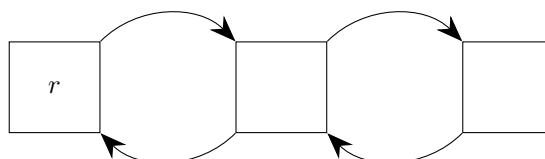
Name: _____

1. $5x - 7 + 3x = 9$



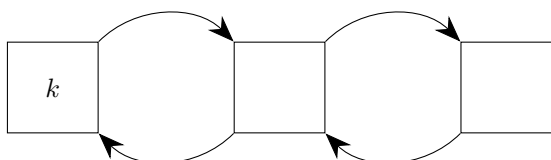
$x =$

5. $6r - 19 = 3r - 7$



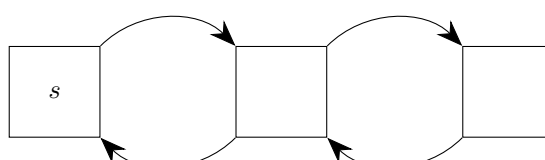
$r =$

2. $8k + 1 - 3k + 5 = 21$



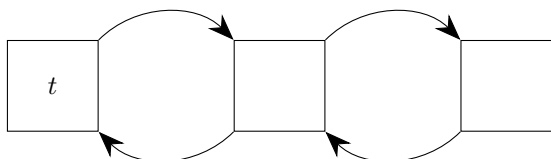
$k =$

6. $22s - 17 = 12s + 8$



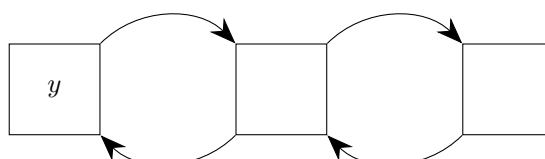
$s =$

3. $5t - 7 = t + 3$



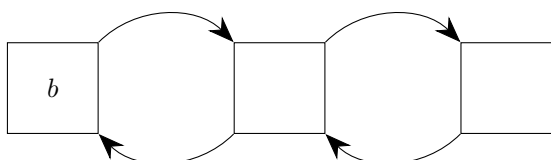
$t =$

7. $15 + y + y + y = 51 - y - y - y$



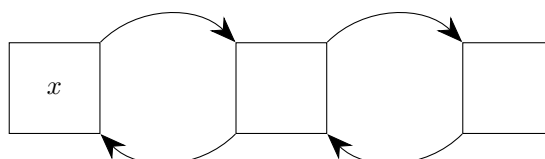
$y =$

4. $-30 + 27b = 11b + 2$



$b =$

8. $x + 16 - 2x + 3x = 4x - 24 + 16$



$x =$

Rearranging Equations

1. Rearrange the following equations to make x the subject:

a. $4x - t = a$

f. $v + 3x + 15 = 32$

b. $3 = \frac{x}{y - z}$

g. $\frac{x^2}{2} - \frac{t^2}{8} = 1$

c. $\frac{xd}{8} = c$

h. $\frac{-4xm}{5} = \frac{n}{2}$

d. $-z + y - x = \frac{5}{7}$

i. $\frac{-3(g + x)}{k} = -g - \frac{h}{k}$

e. $-9x - g = -27g$

j. $\frac{y}{2x} = 36$