

mobius

Balance Shapes - Simple Ratio - To Equations



$$egin{array}{c} extsf{A} \ 2s = extsf{4}t + s \ \end{array} egin{array}{c} extsf{B} \ s = extsf{4}t + s \ \end{array}$$

$$egin{pmatrix} A & B & B \\ 6s+c=4c & 6s = 3c \end{bmatrix}$$

$$\overset{ c c}{2}s=4t$$

$$\overset{\circ}{\mathsf{6}}s=\mathsf{4}c$$

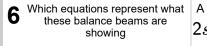
$$\overset{ ext{\scriptsize A}}{4}c=2s\overset{ ext{\scriptsize B}}{7}c=2s+c$$

A B C
$$2t=c2t=4c2t=2c$$

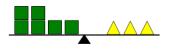
$$4c = 2s + c$$



$$8s = 4t \, 6s = 3t \, 6s = 4t$$



$$\begin{vmatrix} \mathbf{a} \\ 2s + c = 8c \end{vmatrix}^{\mathsf{B}} 2s = 8c$$





$$\begin{vmatrix} c \\ 2s + c = 9c \end{vmatrix}$$

$$\overset{\scriptscriptstyle\mathsf{A}}{\mathsf{6}}s = 2t\overset{\scriptscriptstyle\mathsf{B}}{\mathsf{6}}s = t+s$$

$$\stackrel{\scriptscriptstyle\mathsf{A}}{\mathsf{B}} t = 2s \stackrel{\scriptscriptstyle\mathsf{B}}{\mathsf{1}} 1t = 2s$$



$$egin{array}{c} { t c} { t 6} s = 2t + s \end{array}$$

$$\begin{vmatrix} 11t+s=2s \end{vmatrix}$$