## Systems of Equations

Write whether each system of equations is consistent or inconsistent.

1) $6 q=7 r$
$12 q=14 r+13$
2) $11 x-9 y=21$
$35=-2 y+7 x$


$$
\text { 7) } \begin{aligned}
3 a & =6 b-21 \\
5 a & =10 b-35
\end{aligned}
$$

8) $-3 s+6 t=48$
$s-2 t=32$
