28. The fact that they are connected by a spring is not used in the solution. We use Eq. 9-17 for $\vec{v}_{\text{com}}$:

$$
\begin{aligned}
M\vec{v}_{\text{com}} &= m_1\vec{v}_1 + m_2\vec{v}_2 \\
0 &= (1.0)(1.7) + (3.0)\vec{v}_2
\end{aligned}
$$

which yields $|\vec{v}_2| = 0.57$ m/s. The direction of $\vec{v}_2$ is opposite that of $\vec{v}_1$ (that is, they are both headed towards the center of mass, but from opposite directions).