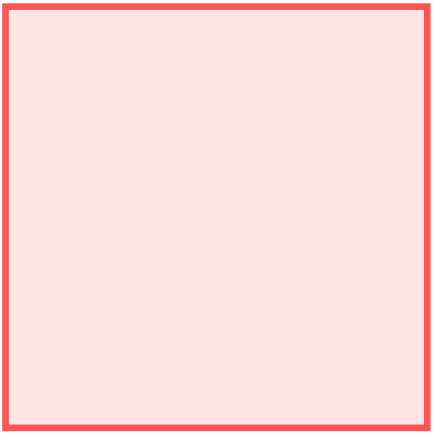
2. 

$7\,g+5\,b+12\,g-b$

$6\,b-5\,g$

$6\,b+19\,g$

$4\,b+19\,g$

$6\,b+20\,g$

Solution

$$
\begin{aligned}
&7\,g+5\,b+12\,g-b \\
&= \ (7\,g+12\,g)+(5\,b-b) \\
&= \ 19\,g+4\,b
\end{aligned}
$$