Lösungen zu LGS und Geraden

Zuordnungstabelle

A → 3

B → 6

C → 4

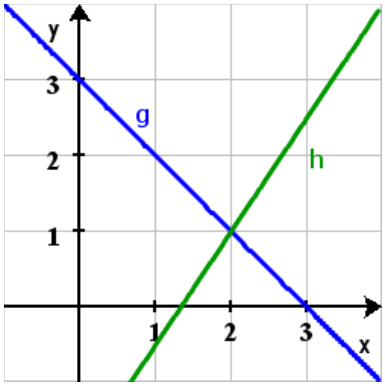
D → 1

E → 5

F → 2

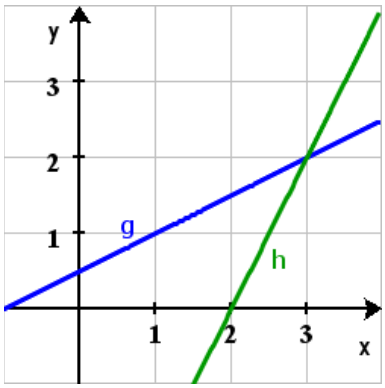
Lösungswege

A)



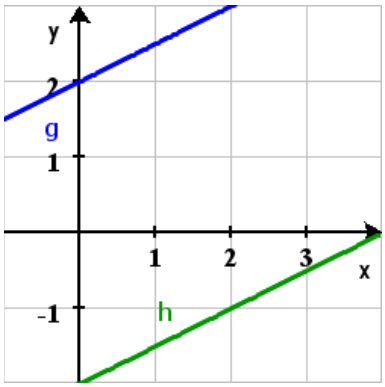
⇒ Lösungsmenge $L=\{(2|1)\}$

B) $g\colon\ y=\frac{1}{2}x+\frac{1}{2}$



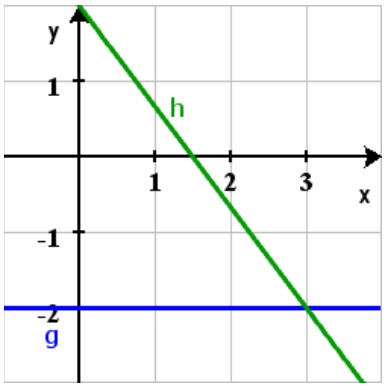
⇒ Lösungsmenge $L=\{(3|2)\}$

C) $g\colon\ y=\frac{1}{2}x-2$



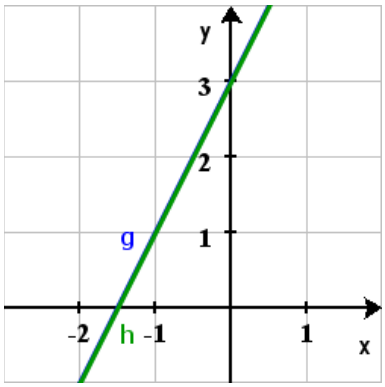
die Geraden g und h sind parallel $\Rightarrow$ Lösungsmenge $L=\emptyset$

D) $h\colon\ y=-\frac{4}{3}x+2$



$\Rightarrow$ Lösungsmenge $L=\{(3|-2)\}$

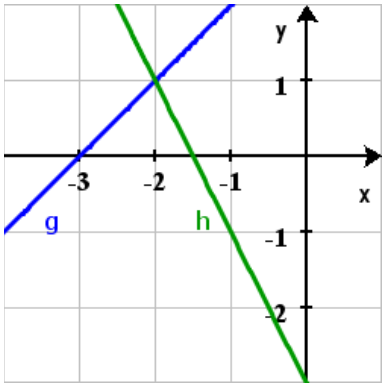
E) $g\colon\ y=2x+3$



die Geraden g und h liegen aufeinander

$\Rightarrow$ Lösungsmenge $L=\{(x|y)\ |\ x\in\mathbb{R}\ \wedge\ y=2x+3\}$

F) $h\colon\ y=-2x-3$



$\Rightarrow$ Lösungsmenge $L=\{(-2|1)\}$