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Problem M
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((o f g) x) == (f (g x)) {apply-compose law}
(((curry f) x) y) == (f x y) {apply-curried law}
(f (g x)) == ((o f g) x) {reverse-apply-compose law}
(f x y) == (((curry f) x) y) {reverse-apply-curried law}

(o ((curry map) f) ((curry map) g))
= (((curry map) f) (((curry map) g))) {apply-compose-law}
= ((curry map) f (map g)) {apply-curried-law}
= (map f (map g)) {apply-curried-law}
= ((curry map) (f(g))) {reverse-apply-curried-law}
= ((curry map) (o f g)) {reverse-apply-compose-law}

Therefore (o ((curry map) f) ((curry map) g)) == ((curry map) (o f g))