**Solutions to Assignment 1b**

, where

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| x | y | x/-2 | ***x/-2 + 4*** | y \*5 | ***y\* 5 + 2*** |
| -10 | -0.1 | 5 | ***9*** | -0.5 | ***1.5*** |
| -1 | -1 | 0.5 | ***4.5*** | -5 | ***-3*** |
| -0.1 | -10 | 0.05 | ***4.05*** | -50 | ***-48*** |
| 0.1 | 10 | -0.05 | ***3.95*** | 50 | ***52*** |
| 1 | 1 | -0.5 | ***3.5*** | 5 | ***7*** |
| 10 | 0.1 | -5 | ***-1*** | 0.5 | ***2.5*** |



 where

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| x | y | ***x-4*** | y\*-0.5 | ***y\*-0.5 - 2*** |
| -2 | 2 | ***-6*** | -1 | ***-3*** |
| -1 | 1 | ***-5*** | -0.5 | ***-2.5*** |
| 0 | 0 | ***-4*** | 0 | ***-2*** |
| 1 | 1 | ***-3*** | -0.5 | ***-2.5*** |
| 2 | 2 | ***-2*** | -1 | ***-3*** |
|  |  |  |  |  |



 where

FACTOR OUT 4

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| x | y | x/4 | ***x/4+4*** | y\*-3 | ***y\*-3+1*** |
| -2 | 4 | -0.5 | ***3.5*** | -12 | ***-11*** |
| -1 | 1 | -0.25 | ***3.75*** | -3 | ***-2*** |
| 0 | 0 | 0 | ***4*** | 0 | ***1*** |
| 1 | 1 | 0.25 | ***4.25*** | -3 | ***-2*** |
| 2 | 4 | 0.5 | ***4.5*** | -12 | ***-11*** |

