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| $$f:x\rightarrow 2x$$Domain: $x\in R, 0\leq x\leq 8$ |  | Range: $y\in R, 0\leq y\leq 16$ |
| $$f:x\rightarrow x^{2}+1$$Domain:$ x\in R$ |  | Range:$ y\in R, y\geq 1$ |
| $$f:x\rightarrow 3x-1$$Domain: $x\in R, -2<x<2$ |  | Range:$y\in R, -7<y<5$ |
| $$f:x\rightarrow \frac{1}{x}$$Domain:$x\in R, x\ne 0$ |  | Range:$y\in R, y\ne 0$ |
| $$f:x\rightarrow 2x^{3}$$Domain:$ x\in R, -1\leq x\leq 4$ |  | Range:$ y\in R, -2\leq y\leq 128$ |
| $$f:x\rightarrow \frac{1}{\left(1+x\right)^{2}}$$Domain: $x\in R, x\ne -1$ |  | Range: $y\in R^{+}$ |