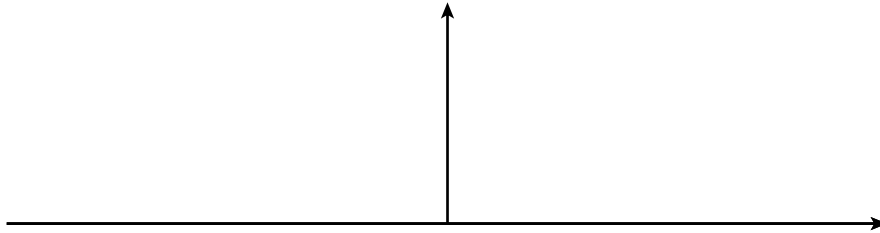
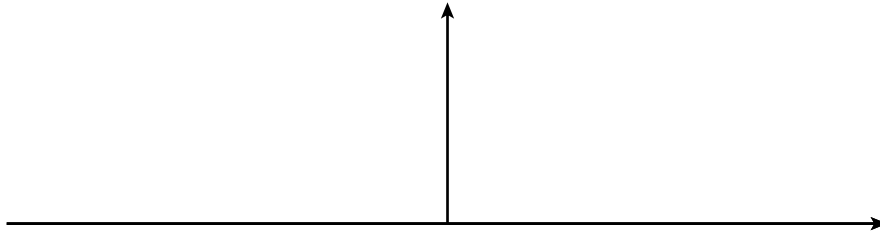


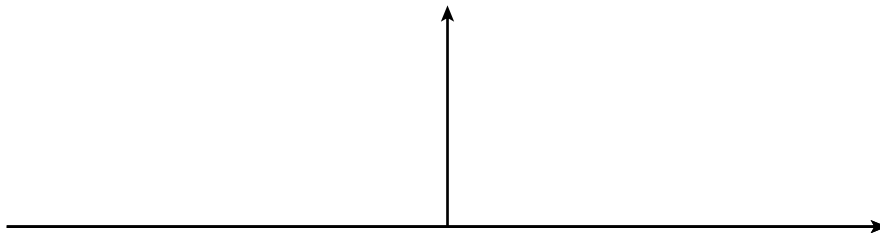
1. Sketch the graph of $f(x) = 2^x$ by plotting points at $x = -2, -1, 0, 1, 2$.



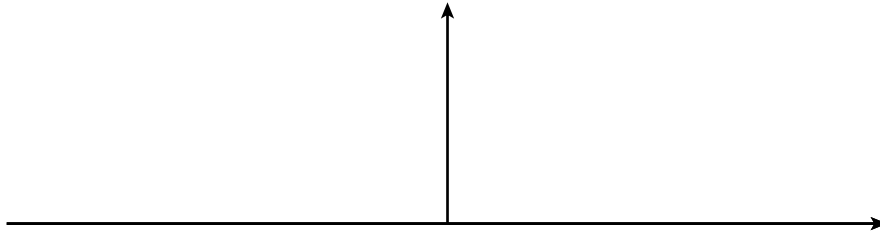
2. Sketch the graph of $f(x) = 3^x$ and $g(x) = 2^x$ on the same axes for $-2 \leq x \leq 2$.



3. Sketch the graph of $f(x) = 2^x$ and $g(x) = 2^{-x}$ on the same axes.



4. Sketch the graphs of $f(x) = 2^x$, $g(x) = 2^{2x}$ and $h(x) = 4^x$ on the same axes for $-2 \leq x \leq 2$.



5. I inject a 100mg aspirin at noon. Aspirin in the body, at this dosage, has a half life of 3 hours. How much aspirin is in my body at:

a) 6pm

b) 3pm

c) 1pm

d) 4:45pm

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