

Pre-calculus Review Workshop 5.3 Graphing Trigonometric Functions (no calculators)

1. Graph the following trigonometric functions.

(a) $f(x) = \sin(x) + 1$

(b) $f(x) = \cos(x) - 2$

(c) $f(x) = \sin(x + \pi)$

(d) $f(x) = \frac{2}{3} \sin(x)$

(e) $f(x) = \sin(2x)$

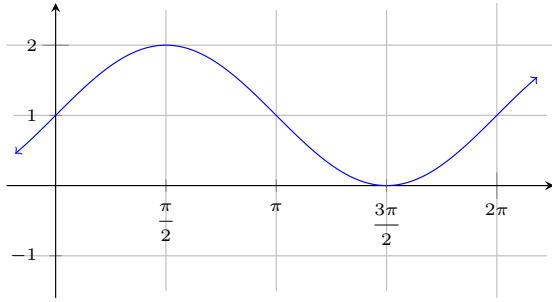
(f) $f(x) = \frac{1}{2} \sin(2x)$

(g) $f(x) = \frac{1}{2} \sin(2x) - 1$

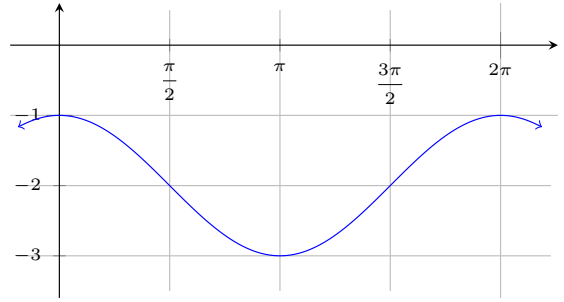
(h) $f(x) = -2 \sin(4x)$

Answers

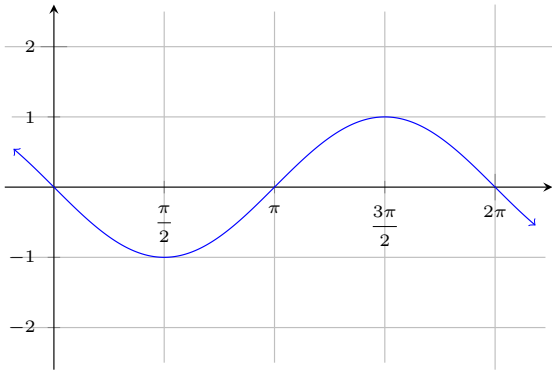
1. (a)



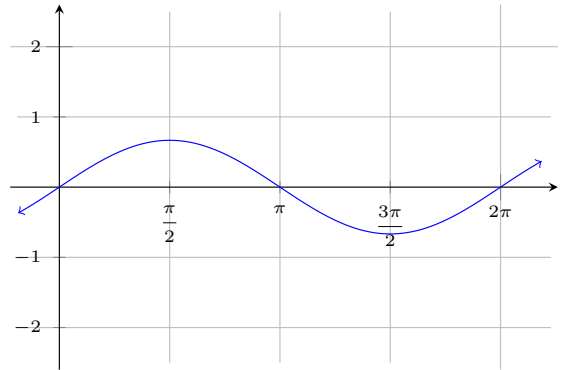
(b)



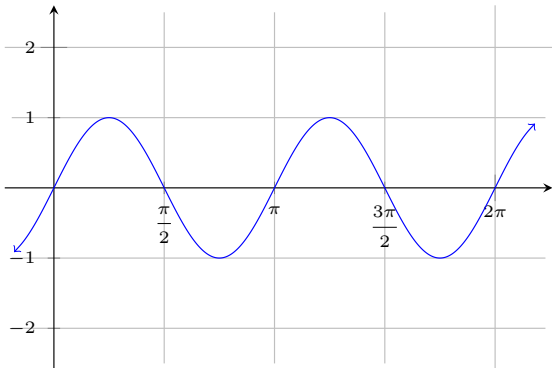
(c)



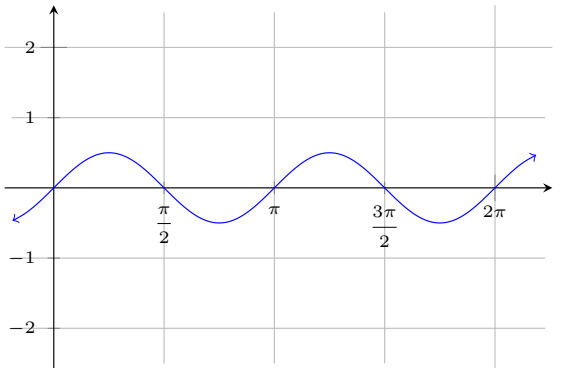
(d)



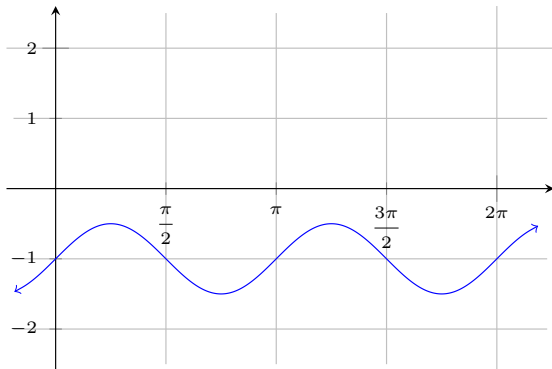
(e)



(f)



(g)



(h)

