

## Sketching Basic Trig Graphs - Answers

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1a)  $5 \sin x^\circ$

b)  $3 \sin x^\circ$

c)  $0.5 \sin x^\circ$

d)  $4 \cos x^\circ$

e)  $12 \cos x^\circ$

f)  $\frac{1}{4} \cos x^\circ$

g)  $1.5 \sin x^\circ$

h)  $2.7 \cos x^\circ$

i)  $3.3 \sin x^\circ$

j)  $-8 \cos x^\circ$

k)  $-6 \sin x^\circ$

l)  $-20 \cos x^\circ$

m)  $-2.8 \sin x^\circ$

n)  $\frac{3}{4} \sin x^\circ$

o)  $0.6 \cos x^\circ$

2a)  $y = 3 \sin 2x^\circ$

b)  $y = 5 \sin 3x^\circ$

c)  $y = 2 \cos 4x^\circ$

d)  $y = 10 \cos 2x^\circ$

e)  $y = 7 \sin 2x^\circ$

f)  $y = 4 \cos 3x^\circ$

g)  $y = -6 \sin 3x^\circ$

h)  $y = -5 \cos 2x^\circ$

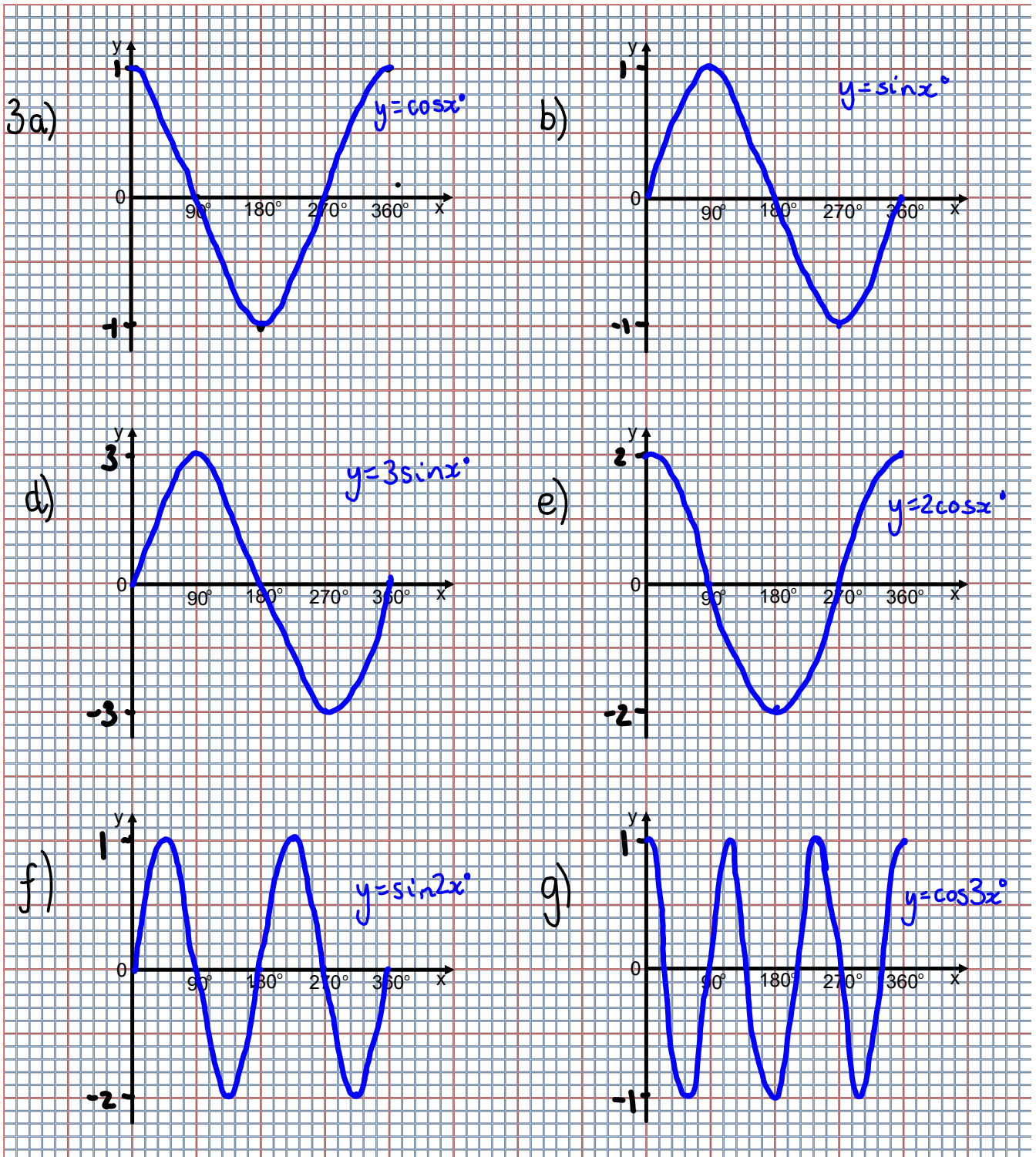
i)  $y = 3 \sin \frac{1}{2}x^\circ$

j)  $y = -9 \cos \frac{1}{2}x^\circ$

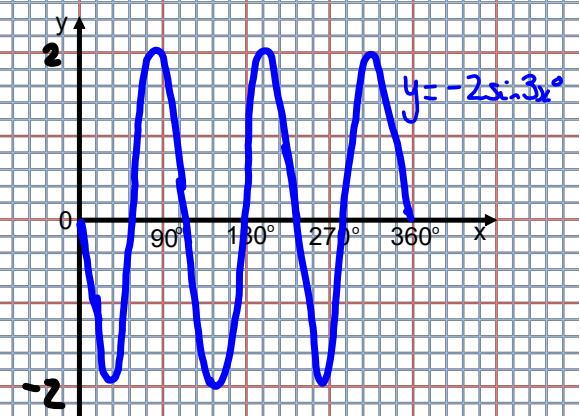
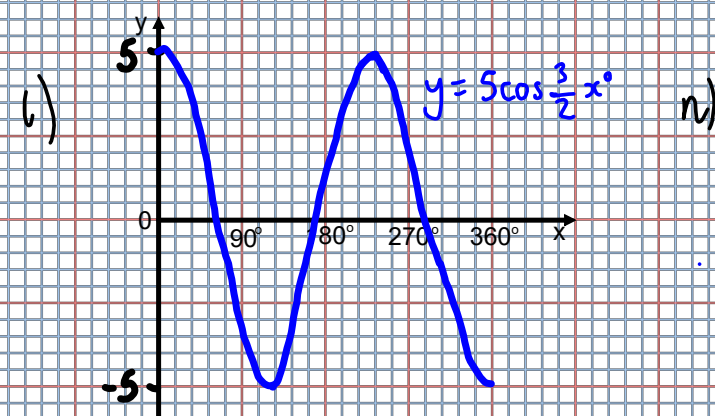
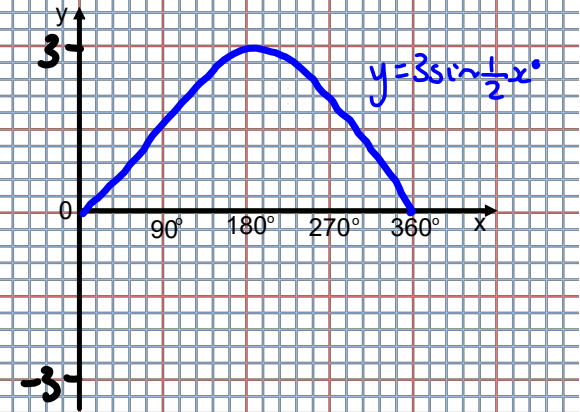
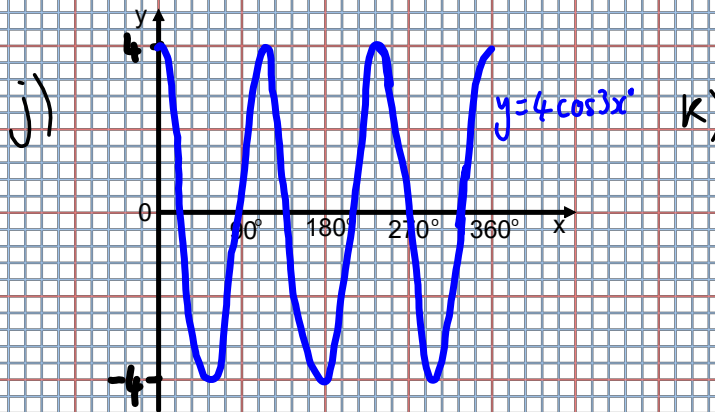
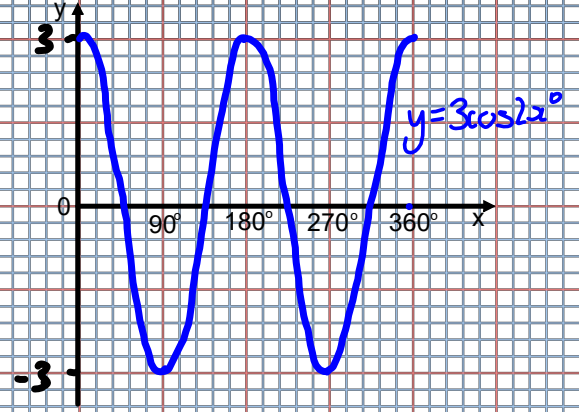
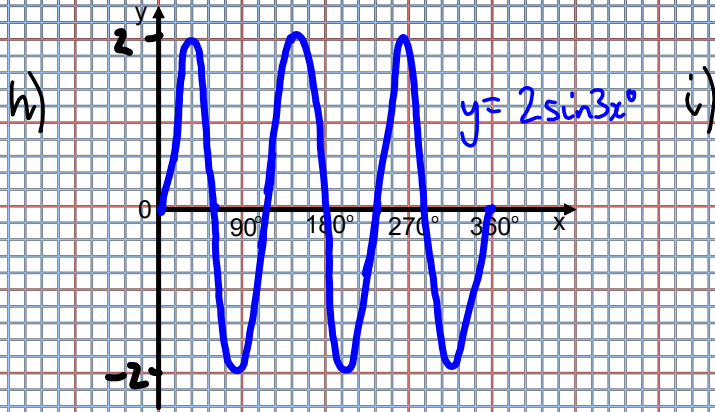
k)  $y = 20 \cos \frac{1}{3}x^\circ$

l)  $y = 3 \cos \frac{3}{2}x^\circ$

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