14) a) $-\frac{3(110-2)}{2}$

b) ~~165~~ unitary = 165

inelastic → (0, 165)

elastic → (165, ∞)

c) increasing → (0, 82.5)

Decreasing → (82.5, 110) ∪ (110, ∞)

$q = 82.5$

d) graph C

Yes

15) 325

16) 4800

17) 2700