

$$15. \lim_{x \rightarrow 4} (8x^2 + 5)(4x + 4)$$

$$\lim_{x \rightarrow 4} (8x^2 + 5) \cdot \lim_{x \rightarrow 4} (4x + 4)$$

$$= 8(4^2) + 5 \cdot 4(4) + 4$$

$$= 133 \cdot 4(4) + 4$$

$$= 2660$$