

$$18) \quad \frac{4(6+2)+(-8+3)}{6(2-4)-2^2}$$

$$= \frac{4(8)+(-5)}{6(-2)-4} = \frac{32-5}{-12-4}$$

$$= \frac{27}{-16} = -1.6875 \quad (C)$$

$$19) \quad \begin{aligned} & -(-8 - (-3)(2)^2) \\ & -(-8 - (-3 \times 4)) \\ & -(-8 - (-12)) \\ & -(-8 + 12) \\ & -4 \quad (A) \end{aligned}$$

$$20) \quad 14.5 \times 10^9 \quad (C)$$

$$21) \quad -x^{5/3} \quad (A)$$

$$22) \quad \frac{4}{x^4} \quad (B)$$

$$16) \quad f(x) = x^2 - 9$$

$$(x+3)^2 - 9$$

$$x^2 + 6x + 9 - 9$$

$$x^2 + 6x$$

(NOT SURE I UNDERSTAND THIS ?'s)

$$17) \quad y = -2\sin(2x)$$

$$x=0 \quad y=0$$

$$x=90^\circ \quad y=0$$

$$x=45^\circ \quad y=$$

