

Identify which function is inner and which is outer. Check the solutions of this worksheet in "Answers" afterward:

1) $f(x) = \cos(\sin(x))$

5) $f(x) = \sqrt{3x+1}$

2) $f(x) = (x-1)^2$

6) $f(x) = \tan(x-8)$

3) $f(x) = e^{5x}$

7) $f(x) = \sqrt{3-x}$

4) $f(x) = \ln(x^3)$

8) $f(x) = 2|x-3|$

$$9) f(x) = 5(x - 2)$$

$$13) f(x) = e^{\sin(x)}$$

$$10) f(x) = (x + 3)^{-1}$$

$$14) f(x) = \frac{1}{(x-2)^3}$$

$$11) f(x) = (10x^2 - 3)^6$$

$$15) f(x) = e^{-x^2}$$

$$12) f(x) = \ln(5x - 3)^{10}$$

$$16) f(x) = e^{4x+4}$$

$$17) f(x) = \cotan(5x^2)$$

$$20) f(x) = \sqrt{5x^2 - 2x + 4}$$

$$18) f(x) = (\sin(x))^{-1}$$

$$21) f(x) = ((x^3 - 2)^2 + 7)^3$$

$$19) f(x) = (2x - \frac{1}{2})^{-\frac{1}{2}}$$

$$22) f(x) = (\ln(x^{-2} + 1)^4 - 5)^7$$