T-PC

Transformations of Functions

Identify each parent function, then describe the transformations using proper vocabulary.

Do like in class examples... a= , b= ,h= , k= , then describe next to each

1. $y=\frac{1}{3}\left(\frac{1}{5}\right)^{-(x-9)}+2$
2. $y=(x+7)^3+3$
3. $y=-|2x|-3$
4. $y=\frac{1}{x-5}-6$
5. $y=-\sqrt{x-8}$
6. $y=\frac{1}{5}(x-4)^2+1$
7. $y=\sqrt[3]{3(x+1)}+7$
8. $y=(2)^{4(x+10)}$
9. $y=\frac{2}{11}\log x+10$
10. $y=\frac{-2}{(x+7)^2}-4$