Transforming Functions

Identify each parent function, then describe the transformations.

1. $y = \frac{1}{3}\left(\frac{1}{5}\right)^{-(x-9)} + 2$
2. $y = (x+7)^3 + 3$
3. $y = -|2x| - 3$
4. $y = \frac{2}{5}x + 8$
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. $y = \frac{1}{3}x^5 - 2$

For families with asymptotes, write the eqn of the new asymptote if there was a translation.