

$$\frac{r f(r) + f(-1)}{f^r(r)} = \frac{r(9-9+1) + (1+r+1)}{(8-5+1)^r} = \frac{r+2}{1} = \boxed{V}$$

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$$\frac{r f(r) - r f(-r)}{f(r)} = r f(r) = r \times (r \times r + 1) = r^3$$

$r f(-r) = r(-r)^r = 1$ $f(r) = r \times r + 1 = V$
 $n \leq r$ $n \geq r$

$$\frac{r^3 - 1}{V} = \boxed{\frac{V-1}{V}}$$

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$$\frac{f(f(r)) - f(f(-r))}{f(r) - r} = \frac{f(f(r)) - f(f(-r))}{f(r) - r}$$

$f(f(r)) = f(1) = 9$
 $f(f(-r)) = f(0) = 9$
 $f(r) - r = 9 - r = 8$

$$\frac{9 - 9}{8} = \boxed{0}$$

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$$f(\sqrt{r}-r) = \frac{(\sqrt{r}-r)^r + f(\sqrt{r}-r) + 9}{(\sqrt{r}-r)^r + f(\sqrt{r}-r) + \omega} = \frac{r + 8 - 8\sqrt{r} + 8\sqrt{r} - 1 + 9}{r + 8 - 8\sqrt{r} + 8\sqrt{r} - 1 + \omega} = \frac{1}{8} = r$$

$$f(r) = \frac{f + (8 \times r) + 9}{f + (8 \times r) + \omega} = \boxed{\frac{r}{1V}}$$

9

$$(f(\sqrt{n}))^r = (\sqrt{n}^r + \frac{1}{\sqrt{n}^r})^r = (n + \frac{1}{n})^r = n^r + \frac{1}{n^r} + r$$

$$f(n) = n^r + \frac{1}{n^r}$$

$$(n^r + \frac{1}{n^r} + r) - (n^r + \frac{1}{n^r}) = \boxed{r}$$

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