

(ক) ৪৬½ টি

(খ) ৪৭½ টি

(গ) ৫০ টি

(ঘ) ৫১ টি

Vertical line of text on the left side.

Vertical line of text on the right side.

Main body of text, appearing as a dense block of characters.

Vertical line of text on the left side.

Vertical line of text on the right side.

৪২।  $x^2 - 4$ ,  $x^2 + 4x + 4$ ,  $x^3 - 8$  রাশি তিনটির ল.সা.গু-

(ক)  $(x^2 - 2)$

(খ)  $(x^2 + 4)$

(গ)  $(x + 2)^2$

(ঘ)  $(x + 2)^2 (x^3 - 8)$



NO 2009-12-01

2

$$(ক) \frac{1}{4}$$

$$(খ) -\frac{1}{4}$$

$$(গ) \frac{1}{3}$$

$$(ঘ) -\frac{1}{2}$$

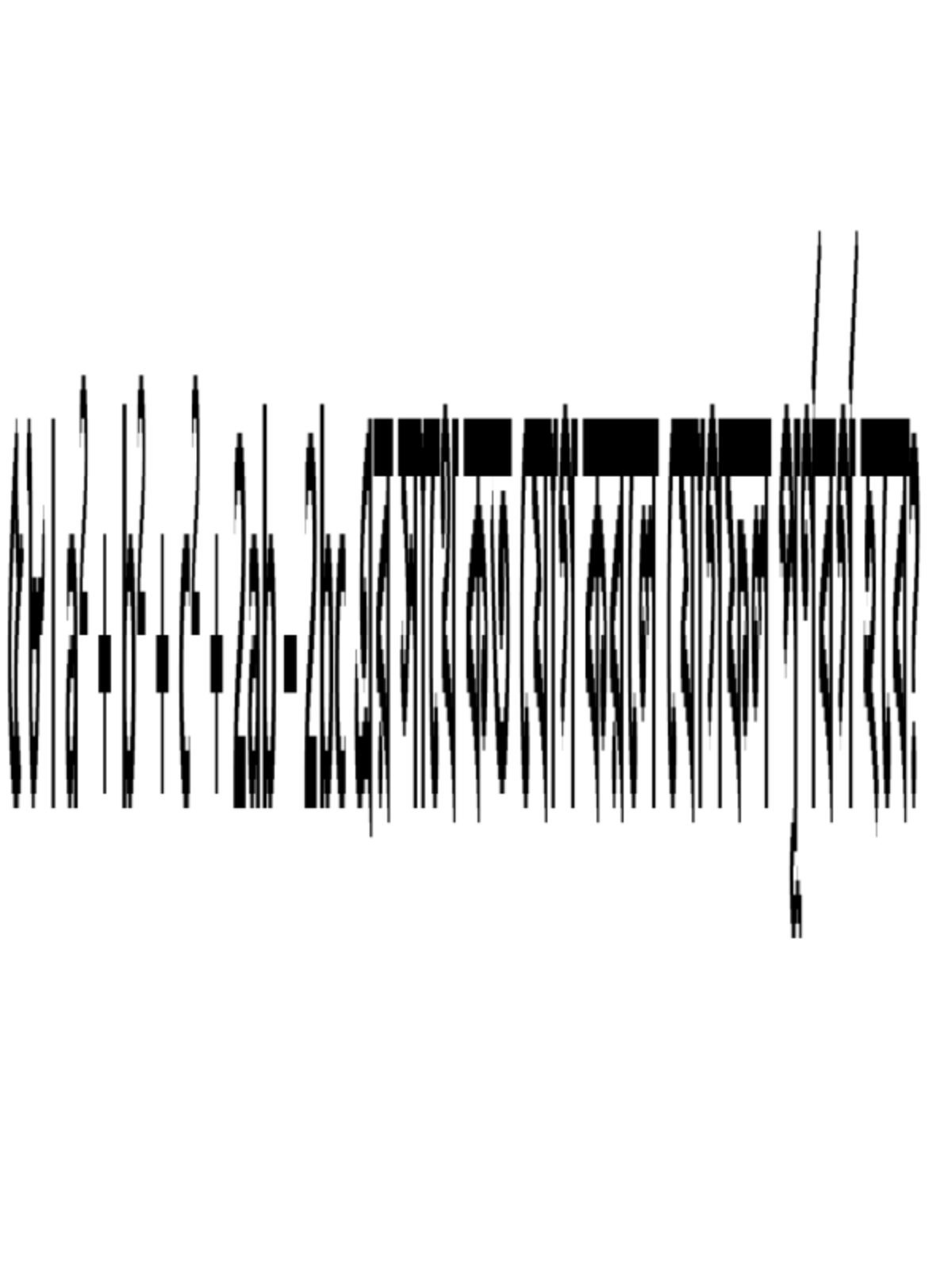


৫৭।  $\sqrt[m]{a^n}$  এর মান নিচের কোনটি?

(ক)  $a^{\frac{m}{n}}$       (খ)  $a^{mn}$

(গ)  $a^{\frac{n}{m}}$       (ঘ)  $a^{-\frac{m}{n}}$







$$\log_5 \sqrt[3]{5} = \frac{1}{3}$$

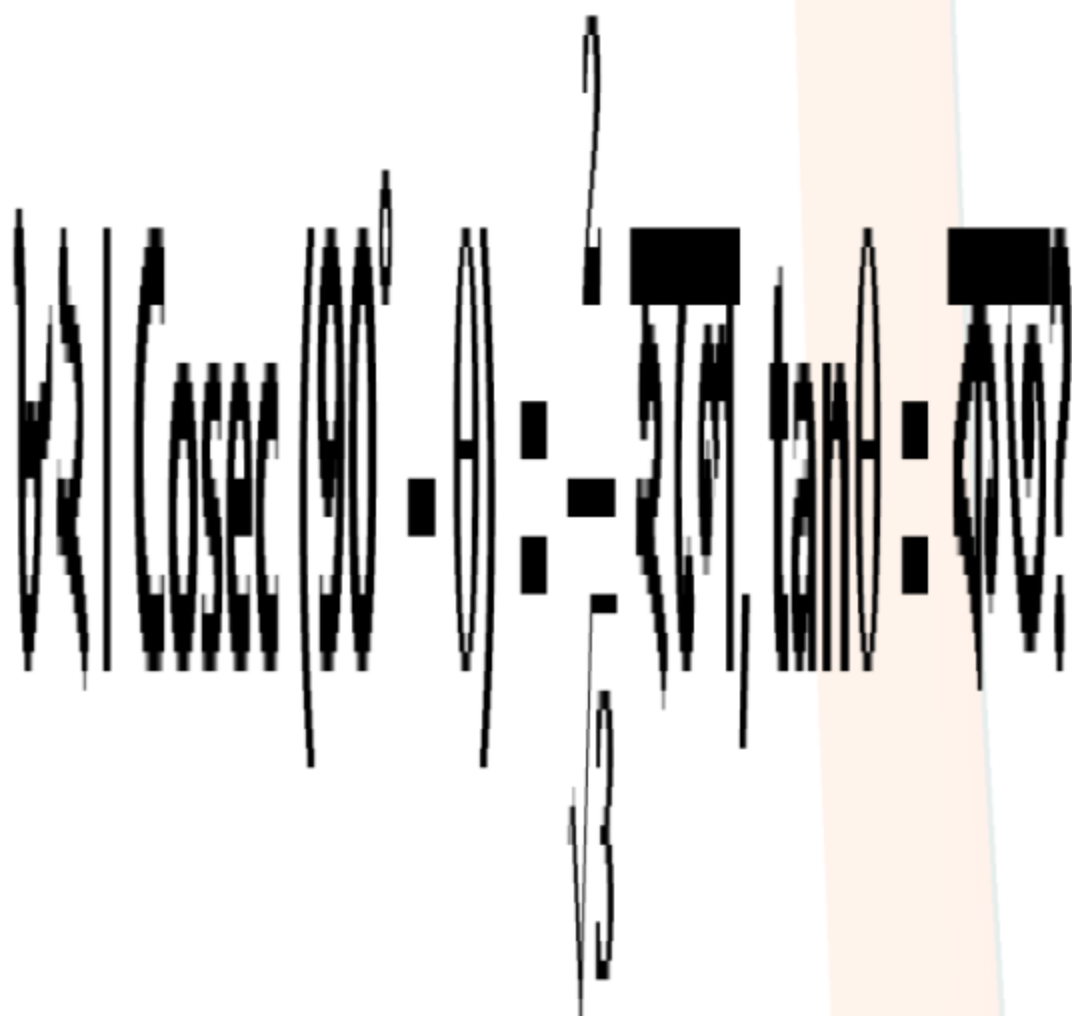
$$(क) r^2$$

$$(ख) 2r^2$$

$$(ग) \frac{1}{2}r^2$$

$$(घ) r^3$$

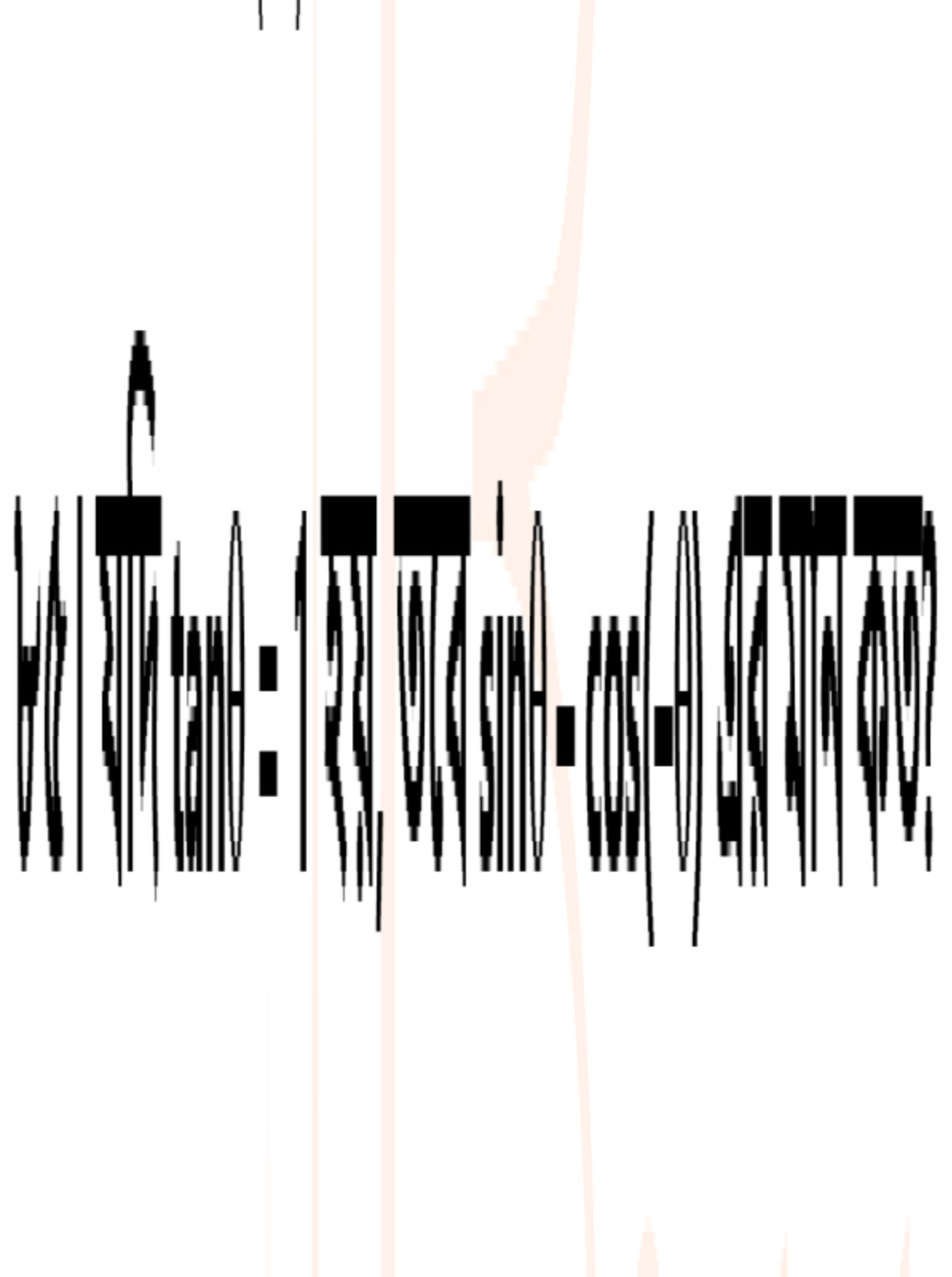
[illegible]





WISDOM - OK - WISDOM -  
3 2





$$\text{We } \left| \frac{\tan A}{\sec A + 1} - \frac{\sec A - 1}{\tan A} \right| = ?$$