

Для каждого выражения из левого столбца подберите ему тождественно равное в правом

$$\boxed{1} \quad \frac{a-b}{b-a} =$$

$$\boxed{1} \quad -a-b$$

$$\boxed{2} \quad \frac{a^2-b^2}{a-b} = \underline{\hspace{2cm}} =$$

$$\boxed{2} \quad \frac{b-a}{b+a}$$

$$\boxed{3} \quad \frac{a^2-b^2}{b-a} = \underline{\hspace{2cm}} =$$

$$\boxed{3} \quad \frac{b}{a-b}$$

$$\boxed{4} \quad \frac{(a-b)^2}{a^2-b^2} = \underline{\hspace{2cm}} =$$

$$\boxed{4} \quad \frac{a}{a+b}$$

$$\boxed{5} \quad \frac{(a-b)^2}{b^2-a^2} = \underline{\hspace{2cm}} =$$

$$\boxed{5} \quad -1$$

$$\boxed{6} \quad \frac{a^2-ab}{a^2-b^2} = \underline{\hspace{2cm}} =$$

$$\boxed{6} \quad a-b$$

$$\boxed{7} \quad \frac{a^3-b^3}{a^2+ab+b^2} = \underline{\hspace{2cm}} =$$

$$\boxed{7} \quad b-a$$

$$\boxed{8} \quad \frac{ab-b^2}{a^2-2ab+b^2} = \underline{\hspace{2cm}} =$$

$$\boxed{8} \quad \frac{a-b}{a+b}$$

$$\boxed{9} \quad \frac{a^2-2ab+b^2}{a^2-b^2} = \underline{\hspace{2cm}} =$$

$$\boxed{9} \quad a+b$$

Ответ: $\boxed{1}$ $\boxed{\quad}$, $\boxed{2}$ $\boxed{\quad}$, $\boxed{3}$ $\boxed{\quad}$, $\boxed{4}$ $\boxed{\quad}$, $\boxed{5}$ $\boxed{\quad}$,

$\boxed{6}$ $\boxed{\quad}$, $\boxed{7}$ $\boxed{\quad}$, $\boxed{8}$ $\boxed{\quad}$, $\boxed{9}$ $\boxed{\quad}$.