

BE-Alg. 1 THURSDAY 9-3-09

① $\frac{1}{7} + \frac{1}{5}$

② $\frac{1}{x} + \frac{1}{y}$

ACT
KMS
June 09
1m

③ If $r = 9$, $b = 5$, and $g = -6$,
what does $(r+b-g)(b+g)$ EQUAL?

① $\frac{1}{7} + \frac{1}{5}$

$\frac{5}{35} + \frac{7}{35} = \boxed{\frac{12}{35}}$

② $\frac{1}{x} + \frac{1}{y}$

$\frac{y}{xy} + \frac{x}{xy} = \boxed{\frac{x+y}{xy}}$

$\left\{ \frac{7+5}{7 \cdot 5} \right\}$

COMPARE

③ Use Parentheses To Substitute, or $[()]$

$(r+b-g)(b+g)$

$[(9) + (5) - (-6)] [(5) + (-6)]$

$[20] [-1] = \boxed{-20} \leftarrow \text{ANS}$

• IGW Q1/HW3 Worksheet