Multiplying and Dividing Integers

1) Multiply or Divide absolute values of each number
2) Count # of negative signs
   → Even amount, answer is (+)
   → Odd amount, answer is (−)

① $-8(-2)$ Even
16

② $3(-5)$ Odd
-15

③ $-24 \div 6$ Odd
-4

④ $-120 \div (-3)$ Even
40

Evaluate each expression if $a=-5$, $b=-10$, $c=2$

⑤ $5ac$
$5(-5)(2)$
$\boxed{-50}$

⑥ b^2-2a
$(-10)^2-2(-5)$
$100-2(-5)$
$100-(-10)$
$\boxed{110}$

⑦ $\frac{a+b}{3}$
$\frac{-5+(-10)}{3}$
$\frac{-15}{3}=\boxed{-5}$