

NAME: _____

Simplify:

1. $\left[\frac{4 + (-5)}{-2 - 3} \right] \left[\frac{14 + (-21)}{2 - 8} \right]$
[A] $-\frac{7}{30}$ [B] $-\frac{7}{6}$ [C] $\frac{7}{30}$ [D] $-\frac{7}{3}$

2. $\left[\frac{7 + (-6)}{-4 - 9} \right] \left[\frac{20 + (-45)}{8 - 2} \right]$
[A] $\frac{25}{78}$ [B] $-\frac{5}{3}$ [C] $-\frac{25}{78}$ [D] $-\frac{5}{6}$

3. $\left[\frac{4 + (-5)}{-2 - 4} \right] \left[\frac{18 + (-36)}{7 - 3} \right]$
[A] $\frac{9}{2}$ [B] $\frac{9}{4}$ [C] $-\frac{3}{4}$ [D] $\frac{3}{4}$

4. $\left[\frac{7 + (-3)}{-6 - 2} \right] \left[\frac{18 + (-6)}{6 - 7} \right]$
[A] -6 [B] 24 [C] 12 [D] 6

5. $\left[\frac{8 + (-2)}{-5 - 6} \right] \left[\frac{40 + (-48)}{9 - 8} \right]$
[A] $-\frac{48}{11}$ [B] $\frac{48}{11}$ [C] -96 [D] -48

6. $\left[\frac{5 + (-8)}{-7 - 5} \right] \left[\frac{49 + (-35)}{2 - 4} \right]$
[A] $-\frac{21}{2}$ [B] $-\frac{7}{4}$ [C] -21 [D] $\frac{7}{4}$

7. $\left[\frac{2 + (-7)}{-8 - 7} \right] \left[\frac{40 + (-35)}{5 - 2} \right]$
[A] $\frac{5}{9}$ [B] $\frac{50}{3}$ [C] $\frac{25}{3}$ [D] $-\frac{5}{9}$

8. $\left[\frac{8 + (-9)}{-9 - 8} \right] \left[\frac{72 + (-64)}{3 - 8} \right]$
[A] $-\frac{8}{85}$ [B] $\frac{8}{85}$ [C] $-\frac{8}{5}$ [D] $-\frac{16}{5}$

9. $\left[\frac{4 + (-2)}{-6 - 3} \right] \left[\frac{54 + (-27)}{5 - 4} \right]$
[A] -36 [B] 6 [C] -6 [D] -18

10. $\left[\frac{3 + (-4)}{-3 - 9} \right] \left[\frac{18 + (-54)}{2 - 3} \right]$
[A] 3 [B] -6 [C] -12 [D] -3

- [1] C
- [2] A
- [3] C
- [4] D
- [5] B
- [6] B
- [7] A
- [8] A
- [9] C
- [10] A