

## Grade 6 Practice 6.EE.A.2: Order of Operations 5

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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

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[1] C

[2] A

[3] C

[4] D

[5] B

[6] B

[7] A

[8] A

[9] C

[10] A