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8.1a Guided Practice

 G E MD AS

Example 1: Evaluate the following expression.

 $8-4÷2+3∙5$

Example 2: Evaluate the following expression.

 

Example 3: Evaluate the following expression.

 $[-2\left(8-6\right)^{3}+6]^{2}$

Example 4: Evaluate the following expression.

 $\frac{10+30÷5}{28÷7∙2}$

Example 5: Evaluate the following expression.

 $\frac{4}{3}∙9^{2}-2^{9}$

Your Turn: Solve each expression using order of operations. Make sure you show all work.

1. $12+2∙5^{2}-1$ 2. $5-(12+36)÷4∙2$

3. $158-48÷4∙3^{2}$ 4. 

5. $\left[9(32-3-20)÷8\right]^{2}$ 6. 

7. Identify each of the following expressions that equals 3.

a.  b.  c.  d.  e. $\frac{10-2}{2}-4^{0}$