

Name
8/17/16 or
8/18/16

Alg I

Apply Order of Operations

I can use
order of
operations to
evaluate
expressions.

Order of Operations:

P → parenthesis ()

E → Exponents x^2

M → Multiply \times

↳ D → Divide \div

↳ A → Add $+$

↳ S → Subtract $-$

Ch. 1 Quiz
9/1 or 9/2

Example 1:

1) $20 - 4^2$
 $20 - 16$
 $\boxed{4}$

2) $2 \cdot 3^2 + 4$
 $2 \cdot 9 + 4$
 $18 + 4 = \boxed{22}$

3) $32 \div 2^3 + 6$
 $32 \div 8 + 6$
 $4 + 6 = \boxed{10}$

4) $15 + 6^2 - 4$
 $15 + 36 - 4$
 $51 - 4 = \boxed{47}$

Example 2:

5) $4(3+9)$
 $4(12)$
 $\boxed{48}$

6) $3(8-2^2)$
 $3(8-4)$
 $3(4)$
 $\boxed{12}$