

0.3 BEDMAS with Integers

B rackets
E xponents
together D ivision
(left M ultiplication
to right A ddition
[S ubtraction

Ex. Solve

a) $(3-5)^2 \times 4 =$

$= -2 \times 4$

$= -8$

b) $-3 \cdot (-4 + 2) =$

$= -3 \cdot -2$

$= 6$

c) $5(-4) + 12 \div (-4) =$

$= -20 + -3$

$= -23$

d) $\frac{(-4 + 2)^2}{2 + 6} =$

$= \frac{(-2)^2}{8}$

$= \frac{4}{8}$

$= \frac{1}{2}$

e) $(-4)^2 - 5 + (-8) - 3 =$
 $= 16 - 5 + (-8) - 3 =$
 $= 0$

f) $-2^2 - 3 + (-4) - (-1)^3 =$
 $= -4 - 3 + (-4) + 1 =$
 $= -10$

g) $-3[9 - (5 - 2)] - 1^2 =$
 $= -3[9 - 3] - 1 =$
 $= -18 - 1 =$
 $= -19$

h) $\frac{-5 + 5(-2)}{1 - [-10 \div (-5)]} =$
 $= \frac{-5 - 10}{1 - 2} =$
 $= \frac{-15}{-1} =$
 $= 15$