Order of Operations Worksheet Answer Key

Would You Like Fries With That?

Solve.

1. $(1 - 4) - (1 - 3)$
   $(-3) - (-2)$
   $= -3 + 2 = -1$

2. $28 + 2(3 - 4)$
   $28 + 2(-1)$
   $= 28 - 2 = 26$

3. $3^3 + 3(10 \div 5) - 2 \times 2$
   $27 + 3(2) - 4$
   $= (27 + 6) - 4$
   $= 33 - 4 = 29$

4. $3(5 - 8) + 4 - 2 \times 3 - 1 \times (-2)$
   $3(-3) + 4 - 6 - (-2)$
   $= (-9 + 4) - 6 + 2$
   $= (-5 - 6) + 2 = -11 + 2 = -9$

5. $\frac{8}{4} + 2 \times 4 + 7 \times (-1)$
   $2 + 8 - 7 = 10 - 7 = 3$

6. $\dfrac{2(-18 + 6)}{6^2}$
   $\dfrac{2(-12)}{36}$
   $= -\frac{24}{36} = -\frac{2}{3}$

7. $3(5 - 24 \div (2 \times 3)) - (-2)(-1)$
   $3(5 - 24 \div (6)) - (2)$
   $= 3(5 - 4) - 2$
   $= 3(1) - 2 = 1$

8. $(23 - 27) \times 4 \div 6$
   $(-4 \times 4) \div 6$
   $= -16 \div 6 = -\frac{8}{3}$

9. $3(5) - 27 \div 9 + 9 \times 2$
   $15 - 3 + 18$
   $= 12 + 18 = 30$

10. $\dfrac{8(34 \div 2 + 7)}{3 + 5^2}$
    $= \dfrac{8(17 + 7)}{3 + 25} = \dfrac{8(24)}{28} = \frac{48}{7}$

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