NAME:_____

A2.A.9: Rewrite algebraic expressions that contain negative exponents using only positive exponents

1. 060020a, P.I. A2.A.9

    What is the value of 3^{-2} ?

    [A] $-\dfrac{1}{9}$ [B] 9   [C] $\dfrac{1}{9}$ [D] -9

2. 080522a, P.I. A2.A.9

    What is the value of 2^{-3} ?

    [A] $\dfrac{1}{8}$ [B] -6   [C] $\dfrac{1}{6}$ [D] -8

3. 010723a, P.I. A2.A.9

    What is the value of $3^{0} + 3^{-2}$?

    [A] 0   [B] 6   [C] $\dfrac{1}{9}$ [D] $1\dfrac{1}{9}$

4. 010413a, P.I. A2.A.9

    The expression $8^{-4} \cdot 8^{6}$ is equivalent to

    [A] 8^{2} [B] 8^{-2} [C] 8^{-24} [D] 8^{10}

5. 080730a, P.I. A2.A.9

    The expression $(\dfrac{3}{4})^{2} \cdot (\dfrac{1}{4})^{-2}$ is equivalent to

    [A] $\dfrac{9}{256}$ [B] $\dfrac{9}{16}$ [C] 3   [D] 9

6. 010511a, P.I. A2.A.9

    Which expression is equivalent to x^{-4} ?

    [A] x^{4} [B] $-4x$ [C] 0   [D] $\dfrac{1}{x^{4}}$

7. 080119a, P.I. A2.A.9

    Which expression is equaivalent to $x^{-1} \cdot y^{2}$?

    [A] $\dfrac{y^{2}}{x}$ [B] xy^{-2} [C] $\dfrac{x}{y^{2}}$ [D] xy^{2}

8. 060826a, P.I. A2.A.9

    The expression $(3c)^{-2}$ is equivalent to

    [A] $\dfrac{1}{9c^{2}}$ [B] $\dfrac{3}{c^{2}}$ [C] $-6c^{2}$ [D] $\dfrac{1}{3c^{2}}$

*A2.A.9: Rewrite algebraic expressions that contain
negative exponents using only positive exponents*

[1]   C_____

[2]   A_____

[3]   D_____

[4]   A_____

[5]   D_____

[6]   D_____

[7]   A_____

[8]   A_____