

Name : _____

Evaluate the Expressions - Single Variable

MS4

Evaluate each algebraic expression for the given value of the variable.

1) $\frac{4}{12 - 2u} + 3$ at $u = 5$

2) $(p + 2)^2$ at $p = 4$

3) $5b - 12$ at $b =$

$t = 7$

5) $q^2 + 7$ at $q =$

$v = -15$

7) $(y + 1)^3$ at $y =$

$s = 8$

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9) $\frac{8 - 10z}{3} + 4$ at $z = -1$

10) $5(r + 9)$ at $r = -14$

Name: _____

Answer key

MS4

Evaluate the Expressions - Single Variable

Evaluate each algebraic expression for the given value of the variable.

1) $\frac{4}{12 - 2u} + 3$ at $u = 5$

5

2) $(p + 2)^2$ at $p = 4$

36

3) $5b - 12$ at $b = -2$

-22

$t = 7$

5) $q^2 + 7$ at $q = 3$

16

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$v = -15$

7) $(y + 1)^3$ at $y = -4$

-27

$s = 8$

9) $\frac{8 - 10z}{3} + 4$ at $z = -1$

10

10) $5(r + 9)$ at $r = -14$

-25

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