

Name : _____

Score : _____

Evaluate the Expressions - Single Variable

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

1) x^2 at $x=3$

2) $\frac{u}{9} + 1$ at $u=9$

3) $r+12$ at $r=7$

4) $7d$ at $d=5$

5) $\frac{y}{6} + 9$ at $y=12$

6) $b-4$ at $b=17$

7) $v+9$ at $v=11$

8) $\frac{z}{5}$ at $z=20$

9) $\frac{c}{2} - 1$ at $c=16$

10) $8p$ at $p=2$

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Translating Phrases

Translate each verbal phrase into an algebraic expression :

1) Two-thirds of x plus 6 is greater than 5 _____

2) Half of seven added to product of x and 4 is less than 1 _____

3) Five less than seven-fourths of x is added to 10 _____

4) Half of nine subtracted from product of x and 12 is at least 2 _____

5) Six more than the difference of x and 7 is less than 5 _____

6) Two added to five-sixths of x is at most 19 _____

7) Product of x and 8 subtracted from one-sixth is less than 15 _____

8) The quotient of 2 and 9 is greater than three times of x plus 1 _____

9) Three-eighths of x subtracted from 6 is less than or equal to 4 _____

10) Nine is greater than 2 subtracted from three-fifths of x _____