

Algebraic expressions (1 variable)

Grade 5 Pre-Algebra Worksheet

A. Evaluate each expression when: $x = 5$

1) $4(10x) =$

2) $4x + 6 =$

3) $\frac{20}{x} =$

4) $\frac{x}{5} + 2 =$

5) $\frac{x}{5} =$

6) $\frac{45}{x} =$

7) $7x - 8 =$

8) $\frac{x}{5} + 10 =$

9) $2x + 4 =$

10) $8x - 5 =$

B. Evaluate each expression when: $y = 6$

11) $\frac{18}{y} =$

12) $\frac{36}{y} =$

13) $3 + \frac{y}{6} =$

14) $5 + \frac{y}{2} =$

15) $10(10y) =$

16) $7y + 10 =$

17) $5 + \frac{y}{6} =$

18) $\frac{y}{1} + 3 =$

19) $9y - 10 =$

20) $5y - 9 =$

Algebraic expressions (1 variable)

Grade 5 Pre-Algebra Worksheet

A. Evaluate each expression when: $x = 5$

1) $4(10x) = 200$

2) $4x + 6 = 26$

3) $\frac{20}{x} = 4$

4) $\frac{x}{5} + 2 = 3$

5) $\frac{x}{5} = 1$

6) $\frac{45}{x} = 9$

7) $7x - 8 = 27$

8) $\frac{x}{5} + 10 = 11$

9) $2x + 4 = 14$

10) $8x - 5 = 35$

B. Evaluate each expression when: $y = 6$

11) $\frac{18}{y} = 3$

12) $\frac{36}{y} = 6$

13) $3 + \frac{y}{6} = 4$

14) $5 + \frac{y}{2} = 8$

15) $10(10y) = 600$

16) $7y + 10 = 52$

17) $5 + \frac{y}{6} = 6$

18) $\frac{y}{1} + 3 = 9$

19) $9y - 10 = 44$

20) $5y - 9 = 21$