

Algebraic expressions (2 or more variables)

Grade 5 Pre-Algebra Worksheet

Evaluate the following expressions for $a = 10$, $b = 5$ and $c = 3$

1. $3ac =$ _____

11. $1000bc =$ _____

2. $15 - 2b + c =$ _____

12. $\frac{4a}{b - 3} =$ _____

3. $\frac{a}{b} =$ _____

13. $a - b + 6 =$ _____

4. $5c - a =$ _____

14. $\frac{ac}{b} + \frac{2b}{a} =$ _____

5. $25 - bc =$ _____

15. $6c - b =$ _____

6. $2a + 3b - 4c =$ _____

16. $a + b + 2c =$ _____

7. $\frac{6a}{c} + 4 =$ _____

17. $2b + c - 8 =$ _____

8. $19 - 3b =$ _____

18. $a + 12 - b =$ _____

9. $2a - c + 3 =$ _____

19. $2a - 3c =$ _____

10. $\frac{a}{c - 1} + b =$ _____

20. $a - b - c =$ _____

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Evaluate the following expressions for $a = 10$, $b = 5$ and $c = 3$

1. $3ac = \underline{90}$

11. $1000bc = \underline{15\ 000}$

2. $15 - 2b + c = \underline{8}$

12. $\frac{4a}{b - 3} = \underline{20}$

3. $\frac{a}{b} = \underline{2}$

13. $a - b + 6 = \underline{11}$

4. $5c - a = \underline{5}$

14. $\frac{ac}{b} + \frac{2b}{a} = \underline{7}$

5. $25 - bc = \underline{10}$

15. $6c - b = \underline{13}$

6. $2a + 3b - 4c = \underline{23}$

16. $a + b + 2c = \underline{21}$

7. $\frac{6a}{c} + 4 = \underline{24}$

17. $2b + c - 8 = \underline{5}$

8. $19 - 3b = \underline{4}$

18. $a + 12 - b = \underline{17}$

9. $2a - c + 3 = \underline{20}$

19. $2a - 3c = \underline{11}$

10. $\frac{a}{c - 1} + b = \underline{10}$

20. $a - b - c = \underline{2}$