



Writing algebraic expressions

Grade 5 Pre-Algebra Worksheet

Write an expression using a variable to represent each situation.

1. Eleven decreased by k _____
2. p increased by 9 _____
3. Sixteen multiplied by a number h _____
4. f less than twelve _____
5. Sixteen less than m _____
6. 8 divided by e _____
7. The product of 6 and c _____
8. Eighty-five less than x _____
9. Two more than m _____
10. Three-fourths of f _____
11. y diminished by 9 _____
12. The sum of 5 and k _____
13. g less than 8 _____
14. The quotient of b and 3 _____
15. Thrice a number p _____



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|---------------------------------------|----------------------------------|
| 1. Eleven decreased by k | <u>$11 - k$</u> |
| 2. p increased by 9 | <u>$p + 9$</u> |
| 3. Sixteen multiplied by a number h | <u>$16h$</u> |
| 4. f less than twelve | <u>$12 - f$</u> |
| 5. Sixteen less than m | <u>$m - 16$</u> |
| 6. 8 divided by e | <u>$\frac{8}{e}$</u> |
| 7. The product of 6 and c | <u>$6c$</u> |
| 8. Eighty-five less than x | <u>$x - 85$</u> |
| 9. Two more than m | <u>$m + 2$</u> |
| 10. Three-fourths of f | <u>$\frac{3}{4}f$</u> |
| 11. y diminished by 9 | <u>$y - 9$</u> |
| 12. The sum of 5 and k | <u>$5 + k$</u> |
| 13. g less than 8 | <u>$8 - g$</u> |
| 14. The quotient of b and 3 | <u>$\frac{b}{3}$</u> |
| 15. Thrice a number p | <u>$3p$</u> |