

Writing algebraic expressions

Grade 5 Pre-Algebra Worksheet

Write an expression using a variable to represent each situation.

1. 12 more than d _____
2. 9 subtracted from w _____
3. w less than 9 _____
4. The product of 6 and s _____
5. m increased by p _____
6. The difference between k and 5 _____
7. 5 times q _____
8. The ratio of 6 and t _____
9. The sum of g and 6 _____
10. Twice a number r _____
11. The quotient of s and 60 _____
12. Exceeds m by 15 _____
13. 12 divided by z _____
14. 8 reduced by s _____
15. Three-fourths of y _____

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Write an expression using a variable to represent each situation.

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|-----------------------------------|----------------------------------|
| 1. 12 more than d | <u>$d + 12$</u> |
| 2. 9 subtracted from w | <u>$w - 9$</u> |
| 3. w less than 9 | <u>$9 - w$</u> |
| 4. The product of 6 and s | <u>$6s$</u> |
| 5. m increased by p | <u>$m + p$</u> |
| 6. The difference between k and 5 | <u>$k - 5$</u> |
| 7. 5 times q | <u>$5q$</u> |
| 8. The ratio of 6 and t | $\frac{6}{t}$ |
| 9. The sum of g and 6 | <u>$g + 6$</u> |
| 10. Twice a number r | <u>$2r$</u> |
| 11. The quotient of s and 60 | $\frac{s}{60}$ |
| 12. Exceeds m by 15 | <u>$m + 15$</u> |
| 13. 12 divided by z | $\frac{12}{z}$ |
| 14. 8 reduced by s | <u>$8 - s$</u> |
| 15. Three-fourths of y | $\frac{3}{4}y$ or $\frac{3y}{4}$ |