

Lesson 5.3 Writing Expressions

Translate each phrase into an algebraic expression or an equation.

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| <p>1. subtract 8 from 3 times d $3d - 8$</p> <p>2. g minus 2 is 14 $g - 2 = 14$</p> <p>3. the sum of 7 and z $7 + z$</p> <p>4. two-fifths of the sum of 6 and s $\frac{2}{5}(6s)$</p> <p>5. 10 minus x $10 - x$</p> <p>6. 3 is subtracted from 5 times a $5a - 3$</p> <p>7. s is added to 9 $9 + s$</p> <p>8. take away 9 from h $h - 9$</p> | <p>a</p> <p>b</p> <p>take away 3 from x $x - 3$</p> <p>z is added to 8 $8 + z$</p> <p>2 is subtracted from 4 times d $4d - 2$</p> <p>9 minus c $9 - c$</p> <p>subtract 9 from the product of 4 and f $4f - 9$</p> <p>y minus 3 is 15 $y - 3 = 15$</p> <p>the sum of 8 and t $8 + t$</p> <p>one-third of the sum of 7 and k $\frac{1}{3}(7 + k)$</p> |
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Write each expression in words.

- 9.** $9 \div x$ nine divided by a number
- 10.** $3 \times g = 27$ the product of three and a number is twenty-seven
- 11.** $6 \times m - 4$ The product of 6 and a number, decreased by 4
- 12.** $\frac{1}{2} \times b + 9 = 11$ $\frac{1}{2}$ a number increased by 9 is 11
- 13.** $14 \div p$ 14 divided by a number
- 14.** $6 \times b = 42$ the product of 6 and a number is 42
- 15.** $9 \times d - 10$ the product of 9 and a number, decreased by 10
- 16.** $\frac{1}{4} \times t + 8 = 16$ $\frac{1}{4}$ a number, increased by 8 is 16