Name	Period	Date



Translating Words to Equations

Write an equation for each word sentence.

Example: Twelve more than a number x is seventeen. x + 12 = 17

- 1. Thirty-four less than a number *m* is seventeen.
- 2. A number *r* increased by eighteen is thirty-two.
- 3. Six added to twice a number *g* is sixty-two.
- 4. Four times a number *b* is twelve.
- 5. Nine divided by a number *n* is three.
- 6. Fourteen less than a number *t* is forty-one.
- 7. Half a number f decreased by two is forty.
- 8. Twelve less *r* is five.
- 9. Twelve less than r is five.
- 10. The sum of three times a number w and five is fifty.
- 11. The quotient of a number *s* and three is thirty-three.
- 12. Thirty-eight is twelve more than a number *t*.
- 13. Forty-two decreased by a number k is sixty-five.
- 14. Twenty-five divided by a number *f* is five.
- 15. The difference of a number *h* and 5 is nineteen.
- 16. The product of a number w and nine is ninety-nine.
- 15. Lee buys p pencils for c cents each and spends a total of t cents.
- 16. George grows t tomato plants worth a cents each and p pepper plants for b cents each for a total of t cents.
- 17. The sum of the numbers a, b and c is twice the number r.