1. Max gets a pay raise of 30%.  Jim gets a pay raise of 25%.  So Max gets the bigger pay raise.
2. When you cut a piece off a shape, you reduce its area and perimeter.
3. If you add the same number to the top and bottom of a fraction, the fraction gets bigger in value.
4. In a sale, every price was reduced by 25%.  After the sale, every price was increased by 25%.  So the prices went back to where they started.
5. (*a*+*b*)/2 ≥ (*ab*)1/2
6. If you divide the top and bottom of a fraction by the same number, the fraction gets smaller in value.
7. It doesn't matter which way you multiply, you get the same answer, like *a × b* = *b × a*.
8. If you add a number to 12, you get a number greater than 12.
9. The square root of a number is less than the number.
10. It doesn't matter which way you divide, you get the same answer, like *a ÷ b* = *b ÷ a*.
11. If you divide 12 by a number, the answer will be less than 12.
12. The square of a number is greater than the number.
13. *p* + 12 = *s* + 12
14. *(n* + 5) is less than 20
15. 2(*x* + 3) = 2*x* + 3
16. 3 + 2*y* = 5*y*
17. 4*p* is greater than 9 + *p*
18. 2(3 + *s*) = 6 + 2*s*