

Translate each phrase. Let x represent "a number". Use the choices below to fill in each blank.

$$7 - x \quad x - 7$$

1. 7 minus a number _____
2. 7 subtracted from a number _____
3. A number decreased by 7 _____
4. 7 less a number _____
5. A number less than 7 _____
6. A number subtracted from 7 _____

Simplify.

7. $-6 + (-8)$

8. $5 + (-7)$

9. $6.3 + (-8.4)$

10. $|6| + (-61)$

11. $-21 + (-16) + (-22)$

12. $6 + (-4) + 9$

13. $16 - (-3)$

14. $-6 - 5$

15. $-\frac{3}{11} - \left(-\frac{5}{11}\right)$

16. Subtract 9 from -4

17. A commercial jetliner hits an air pocket and drops 250 feet. After climbing 120 feet, it drops another 178 feet. What is its overall vertical change?

18. In some card games, it is possible to have a negative score. Emily currently has a score of 15 points. She then loses 24 points. What is her new score?

19. Much of New Orleans is below sea level. If George descends 12 feet from an elevation of 5 feet above sea level, what is his new elevation?

20. Within 24 hours in 1916, the temperature in Browning, Montana, fell from 44°F to -56°F . How large a drop in temperature was this?

21. A woman received a statement of her charge account at Old Navy. She spent \$93 on purchases last month. She returned an \$18 top because she didn't like the color. She also returned a \$26 nightshirt because it was damaged. What does she actually owe on her account?