

Lesson 3 Homework Practice

Subtract Integers

Subtract.

1. $16 - 14$
2. $-4 - 2$
3. $9 - (-2)$
4. $-6 - (-8)$
5. $-20 - 10$
6. $-28 - (-13)$
7. $-33 - 33$
8. $28 - 14$
9. $13 - (-63)$
10. $-18 - (-12)$
11. $52 - (-30)$
12. $-15 - 0$

- 13. WEATHER** The highest and lowest recorded temperatures for the state of Texas are 120°F and -23°F . Find the difference in these extreme temperatures.

ALGEBRA Evaluate each expression if $x = -8$, $y = 7$, and $z = -11$.

14. $x - 7$
15. $-13 - y$
16. $-11 - z$
17. $x - z$
18. $z - y$
19. $y - x$
20. $x - (-z)$
21. $|y - z|$
22. $x - z - y$

- 23. ANALYZE TABLES** In golf, scores are often stated as the number of strokes above or below par for the course. Four golfers played two rounds of golf during the weekend. The table lists their scores for each round in relation to par.

Golfer	Patrick	Diane	James	Judy
Round 1	-6	+1	+2	-3
Round 2	-2	-4	+7	+6

- a. Find the difference between James's Round 2 score and Diane's Round 2 score.
- b. Find the difference between Patrick's lower score and Judy's higher score.