MENTAL MATH Use mental math to solve the equation.

33. $m - 5 = 9$

34. $w - (-3) = 7$

35. $6 - c = -9$

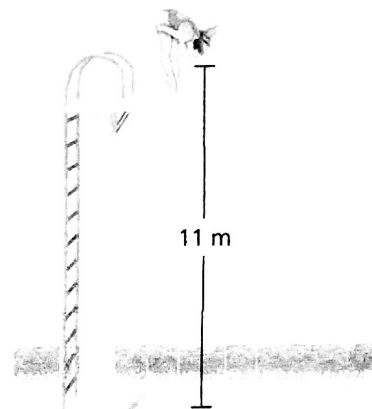**ALGEBRA** Evaluate the expression when $k = -3$, $m = -6$, and $n = 9$.

36. $4 - n$

37. $m - (-8)$

38. $-5 + k - n$

39. $|m - k|$

40. PLATFORM DIVING The figure shows a diver diving from a platform. The diver reaches a depth of 4 meters. What is the change in elevation of the diver?

41. OPEN-ENDED Write two different pairs of negative integers, x and y, that make the statement $x - y = -1$ true.

11 m

42. TEMPERATURE The table shows the record monthly high and low temperatures for a city in Alaska.

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
High (°F)	56	57	56	72	82	92	84	85	73	64	62	53
Low (°F)	-35	-38	-24	-15	1	29	34	31	19	-6	-21	-36

   a. Find the range of temperatures for each month.

   b. What are the all-time high and all-time low temperatures?

   c. What is the range of the temperatures in part (b)?

REASONING Tell whether the difference between the two integers is *always*, *sometimes*, or *never* positive. Explain your reasoning.

43. two positive integers

44. two negative integers

45. a positive integer and a negative integer

46. a negative integer and a positive integer

Number Sense For what values of a and b is the statement true?

47. $|a - b| = |b - a|$

48. $|a + b| = |a| + |b|$

49. $|a - b| = |a| - |b|$

Fair Game Review What you learned in previous grades & lessons

Add. *(Section 1.2)*

50. $-5 + (-5) + (-5) + (-5)$

51. $-9 + (-9) + (-9) + (-9) + (-9)$

Multiply. *(Skills Review Handbook)*

52. 8×5

53. 6×78

54. 36×41

55. 82×29

56. MULTIPLE CHOICE Which value of n makes the value of the expression $4n + 3$ a composite number? *(Skills Review Handbook)*

   Ⓐ 1   Ⓑ 2   Ⓒ 3   Ⓓ 4