

1. Perform the indicated operation by hand. Then use a calculator to check your work.

a) $-5 + 7$	b) $-3 - 9$	c) $-3 - (-9)$	d) $5 - 9$
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2. The lowest elevation in the United States is at Death Valley, California (-287 ft), and the highest elevation is at the top of Mount McKinley, Alaska (20,320 ft). Find the change in elevation from Death Valley to Mount McKinley.

a) Draw a picture of this problem to find the answer, clearly marking the high point and low point.

b) Write an expression that models the problem and then find the answer.

3. The changes in Honda Accord car sales (in thousands of cars) from one year to the next are shown below.

Years	Changes in Sales (1000s of cars)
1995 – 1996	42
1996 – 1997	2
1997 – 1998	16
1998 – 1999	3
1999 – 2000	1
2000 – 2001	10
2001 – 2002	-16
2002 – 2003	-1
2003 – 2004	-12

a) If 340 thousand cars were sold in 1995 (1995 – 1996), what were the sales in 2004 (2003 – 2000)?

b) During which periods(s) were sales increasing?

c) During which period(s) were sales decreasing?