

Calculations with Negative Numbers Homework

1. Evaluate the following:

a. $-8 + 11$

b. $4 - 6$

c. $-2 - 7$

d. $-9 + 4$

e. $4 + - 3$

f. $9 - + 7$

g. $2 - - 6$

h. $-8 + 10$

2. Evaluate the following:

a. -4×7

b. 9×-3

c. $-7 \times - 11$

d. $15 \div -5$

e. $-49 \div 7$

f. $-30 \div -6$

3.

a. $(-4)^2$

b. $(-3)^2$

c. $(-2)^3$

4. The table shows the average temperature, in $^{\circ}\text{C}$, for every day during a week.

Day	Mon	Tues	Wed	Thurs	Fri	Sat	Sun
Temperature ($^{\circ}\text{C}$)	4	-3	2	-5	-1	0	1

a. Which day was the warmest?

b. Which day was the coolest?

c. What is the difference between the warmest and coolest temperature?

d. The next Monday, the temperature reduced by 8 degrees from the previous day. Find the temperature on that day.

5.

a. Find the mean of the numbers:

-3, 7, -1, 9, -5, -1




b. Find the range of the numbers:

10, -3, 0, -7, 4, 11, -19

Challenge

Work out:

$$-6 \times (4 + -1)^2 - - 11$$

WWW	Calculations with Negative Numbers			
1	Addition and subtraction.			
2	Multiplying and dividing.			
3	Powers.			
4, 5	Real-life applications.			
Challenge	Use of BIDMAS.			
EBI				

Answers

1.
 - a. 3
 - b. -2
 - c. -9
 - d. -5
 - e. 1
 - f. 2
 - g. 8
 - h. 2

2.
 - a. -28
 - b. -27
 - c. 77
 - d. -3
 - e. -7
 - f. 5

3.
 - a. 16
 - b. 9
 - c. -8

4.
 - a. Monday
 - b. Thursday
 - c. 9°C
 - d. -7°C

5.
 - a. 1
 - b. 30

Challenge

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