

# Integer Practice

Name:

Block:

Instructions: (1) Write each question into simpler terms, so simplify.  
(2) Solve it.

Example:  $(-3)^2 - (-5) + (+2)$

(1)  $(-3)^2 + 5 + 2$

(2)  $9 + 5 + 4$

Answer 18.

Neatly use the space provided.

*Add.*

1.  $(+6) + (+2)$

3.  $(-4) + (-5)$

5.  $(+9) + (+3)$

7.  $(+10) + (-3)$

*Subtract.*

9.  $(+8) - (+3)$

11.  $(-7) - (-6)$

13.  $(-11) - (+2)$

15.  $(+12) - (+15)$

*Multiply.*

17.  $(+6) \times (+2)$

19.  $(-4) \times (+3)$

21.  $(+6) \times (+11)$

23.  $(+5) \times (-3)$

*Divide.*

25.  $(+8) \div (+2)$

27.  $(+12) \div (-4)$

29.  $\frac{-24}{-8}$

31.  $\frac{+45}{-15}$

Simplify. Do not forget bedmas.

37.  $(-5)^2 - 4 + 5$

38.  $(-3)(-8) \div (-6)$

39.  $-7 + 10 \div (-5)$

40.  $5 \times (-2) - 8 \times 2$

(Use the space provided).

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41. At 08:00, the temperature was  $-13^{\circ}\text{C}$ . The temperature then dropped  $2^{\circ}\text{C}/\text{h}$  until 12:00. What was the temperature at 12:00?

42. In January, the mean daily temperature in Saint John, New Brunswick, is  $-7^{\circ}\text{C}$ . In July, the mean is  $+17^{\circ}\text{C}$ . What is the difference in these mean temperatures?

43. The table gives Frank's change in mass for 5 weeks while he was training for a sports meet.

Week 1	Week 2	Week 3	Week 4	Week 5
-2 kg	-1 kg	+1 kg	+1 kg	-2 kg

What was his total gain or loss in mass over the 5 weeks?

44. The nightly low temperatures in Calgary one week were  $+1^{\circ}\text{C}$ ,  $-5^{\circ}\text{C}$ ,  $-12^{\circ}\text{C}$ ,  $-3^{\circ}\text{C}$ ,  $+4^{\circ}\text{C}$ ,  $+6^{\circ}\text{C}$ , and  $-5^{\circ}\text{C}$ . What was the average low temperature?