Integers: 10 practice questions

Year 7 · Free practice sheet from Tuterly · tuterly.com.au

Name: _____ Date: _____

Attempt all questions and show your working. Suggested time: 15 to 20 minutes.

Section A: Consolidating (Questions 1-4)

Question 1

Write these integers in order from smallest to largest.

4, -7, 0, -2, 9, -10

Question 2

Copy each statement and write < or > in the box.

(a) -5 □ -3

(b) -8 □ 2

(c) 0 □ -6

Question 3

Calculate:

(a) -3 + 8

(b) 4 - 9

(c) -6 - 2

Question 4

The temperature at midnight was 3°C. By 5 am it had dropped by 7 degrees. What was the temperature at 5 am?

Section B: Standard (Questions 5-10)

Question 5

Calculate:

(a) -12 + (-5)

(b) 7 + (-10)

(c) -4 + (-9) + 6

Question 6

Calculate:

(a) 5 - (-3)

(b) -6 - (-11)

(c) -15 - (-4)

Question 7

On a winter's day in a mountain town, the highest temperature was 5°C and the lowest was -8°C. What is the difference between these two temperatures?

Question 8

Kai's bank account is overdrawn by $45, so his balance is -45 dollars. He deposits $120 and then withdraws $90. What is his balance now? Is his account still overdrawn?

Question 9

Copy and complete the addition table. Each empty cell is the row number added to the column number.

+	-3	5	-8
4			
-6			

Question 10

Find the missing number in each statement.

(a) -7 + □ = -2

(b) □ - 6 = -10

(c) 3 - □ = 8

Integers: answers

Year 7 · Free practice sheet from Tuterly · tuterly.com.au

Question 1

Answer: -10, -7, -2, 0, 4, 9

Question 2

Answer: (a) < (b) < (c) >

Question 3

Answer: (a) 5 (b) -5 (c) -8

Question 4

Answer: -4°C

Question 5

Answer: (a) -17 (b) -3 (c) -7

Question 6

Answer: (a) 8 (b) 5 (c) -11

Question 7

Answer: 13 degrees (5 - (-8))

Question 8

Answer: -15 dollars (-45 + 120 - 90); yes, it is still overdrawn, by $15.

Question 9

Answer: Row 4: 1, 9, -4; Row -6: -9, -1, -14

Question 10

Answer: (a) 5 (b) -4 (c) -5