

Integer word problems – Class 7

Question 1 Write a positive integer and a negative integer whose sum is a negative integer.

Question 2 Write a positive integer and a negative integer whose sum is a positive integer.

Question 3 Write a positive integer and a negative integer whose difference is a negative integer.

Question 4 Write a positive integer and a negative integer whose difference is a positive integer.

Question 5 Write two integers which are smaller than -5 but their difference is -5 .

Question 6 Write two integers which are greater than -10 but their sum is smaller than -10 .

Question 7 Write two integers which are greater than -4 but their difference is smaller than -4 .

Question 8 Write two integers which are smaller than -6 but their difference is greater than -6 .

Question 9 Write two negative integers whose difference is 7 .

Question 10 Write two integers such that one is smaller than -11 , and other is greater than -11 but their difference is -11 .

Question 11 Write two integers whose product is smaller than both the integers.

Question 12 Write two integers whose product is greater than both the integers.

Answers:-

- (1) A number of solutions can be possible e.g., $4 + (-6) = -2$
- (2) A number of solutions can be possible e.g., $8 + (-2) = 6$
- (3) A number of solutions can be possible e.g., $-7 - (2) = -9$
- (4) A number of solutions can be possible e.g., $4 - (-3) = 7$
- (5) A number of solutions can be possible e.g., $-12 - (-7) = -5$
- (6) A number of solutions can be possible e.g., $-4 + (-7) = -11 < -10$
- (7) A number of solutions can be possible e.g., $-1 - 4 = -5 < -4$
- (8) A number of solutions can be possible e.g., $-8 - (-9) = 1 > -6$
- (9) A number of solutions can be possible e.g., $-2 - (-10) = 8$
- (10) A number of solutions can be possible e.g., $-20 - (-9) = -11$
- (11) A number of solutions can be possible e.g., $-3 \times 5 = -15$
- (12) A number of solutions can be possible e.g., $4 \times 6 = 24$.