Chapter 1: Integers, Class 9



CLASS NOTES

Division of Integers

Division of two positive Integers

When we divide a positive integer by another positive integer, we divide

them as whole numbers and then put a positive sign.



Example: Let a = 8 and b = 2

8 ÷ 2 = 4

Division of two negative Integers

When we divide a negative integer by another negative integer, we divide them as whole numbers and then put a positive sign.

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For any two integers a and b, (-a) ÷ (-b) = a ÷ b

Example: Let a = -8 and b = -2

 $(-8) \div (-2) = 4$

Division of a negative integer by a positive integer

When we divide a negative integer by a positive integer, we divide them

as whole numbers and then put a minus sign before the quotient.

Mathematics





For any two integers a and b, (-a) ÷ b = - (a ÷ b)

Example: Let a = -8 and b = 2

(-8) ÷ 2 = -4

Division of a positive integer by a negative integer

When we divide a positive integer by a negative integer, we divide them

as whole numbers and then put a minus sign before the quotient.

