The Practise Ground

Class 7 Maths

Rules for Integers

Signs made simple

1

(−) × (−) = (+)

Two negatives multiply to a positive

(−3) × (−4) = 12

2

(+) × (−) = (−)

Different signs give a negative

5 × (−2) = −10

3

a − b = a + (−b)

Subtracting means adding the opposite

7 − (−3) = 7 + 3 = 10

4

(−) ÷ (−) = (+)

Division follows the same sign rules

(−12) ÷ (−3) = 4

Adding

Same signs: add and keep the sign.

Different signs: subtract and keep the sign of the bigger number.

Quick examples

(−8) + 5 = −3

(−4) × (−6) = 24

9 − (−2) = 11

Think you've got it? Test yourself.

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