

# Grade 7 Integer Practice

## Part A: Integer Equations

1.  $(+12) + (+18) =$
2.  $(-24) + (+36) =$
3.  $(-45) + (-27) =$
4.  $(+60) - (+75) =$
5.  $(-84) - (-21) =$
6.  $(+32) + (-48) + (+56) =$
7.  $(-67) + (+25) - (+39) =$
8.  $(+72) - (-18) + (-45) =$
9.  $(-54) + (-36) + (+27) - (-18) =$
10.  $(+120) - (-30) + (-48) + (+25) =$

## Part B: Word Problems

1. Bastian starts the day with 40 imaginary story points. He loses 28 points after a scary scene but gains 65 when things improve. What is his final number of points?
2. Mr. Koreander has 120 books in his shop. Bastian borrows 15, and 36 are sold during the day. Later, 42 new books arrive. How many books does Mr. Koreander have now?
3. Atreyu walks 35 km forward, then 18 km backward, then 72 km forward again. What is his total progress from the starting point?
4. Bastian gains 55 courage points, loses 38, then regains 24. What is his final courage score?
5. Atreyu collects 84 herbs, uses 27, then gathers 36 more. How many herbs does he have now?
6. The Childlike Empress has an energy level of 135, loses 48, then gains 27. What is the energy level now?
7. Bastian reads 72 pages, goes back 18 pages, then reads ahead 54 pages. How far into the book is he now?
8. Atreyu ascends 96 meters, slips down 24 meters, then climbs another 48 meters. What is his total height above the starting point?
9. Mr. Koreander earns \$75, loses \$42, then gains \$30. What is his total profit?
10. Bastian gains 45 confidence points, loses 72, then gains 60. What is his final confidence level?