FOUR OPERATIONS – INTEGERS

Task 1 – Work out the following calculations.

1) 15 + 23 = 38

2) 254 + 106 = 360

3) 1089 + 487 = 1576

4) 15 + 10 + 37 = 62

5) 14 + 9 + 30 + 17 = 70

6) 3456 + 1790 = 5246

7) 54670 + 1999 = 56669

8) 43 + 29 = 72

9) 512 + 378 = 890

10) 1423 + 956 = 2379

11) 63 + 27 + 15 = 105

12) 24 + 58 + 31 + 12 = 125

13) 4890 + 2130 = 7020

14) 70890 + 3467 = 74357

15) 1834 + 925 + 671 + 290 = 3720

Task 2 – Work out the following calculations.

16) 18 – 9 = 9

17) 52 – 21 = 31

18) 100 – 47 = 53

19) 234 – 123 = 111

20) 607 – 358 = 249

21) 1200 – 845 = 355

22) 3456 – 1278 = 2178

23) 5460 – 3299 = 2161

24) 7000 – 4999 = 2001

25) 83 – 24 – 17 = 42

26) 300 – 100 – 50 = 150

27) 800 – 200 – 150 – 100 = 350

28) 9264 – 3247 = 6017

29) 5890 – 1734 = 4156

30) 9053 – 2356 – 872 = 5825

Task 3 – Work out the following calculations.

31) 4 × 5 = 20

32) 20 × 50 = 1000

33) 15 × 90 = 1350

34) 112 × 17 = 1904

35) 58 × 73 = 4234

36) 10 × 25 × 37 = 9250

37) 567 × 38 = 21546

38) 298 × 49 = 14602

39) 36 × 47 × 90 = 152280

40) 10 × 56 × 18 = 10080

41) 34567 × 8 = 276536

42) 1037 × 9 = 9333

43) 1567 × 125 = 195875

44) 2467 × 36 = 88812

45) 4590 × 38 = 174420

Task 4 – Divide the following numbers. Include a remainder if necessary.

46) 36 ÷ 6 = 6

47) 12 ÷ 2 = 6

48) 96 ÷ 3 = 32

49) 52 ÷ 5 = 10 R 2

50) 120 ÷ 4 = 30

51) 456 ÷ 2 = 228

52) 342 ÷ 18 = 19

53) 568 ÷ 8 = 71

54) 497 ÷ 7 = 71

55) 4272 ÷ 12 = 356

56) 3315 ÷ 17 = 195

57) 1624 ÷ 36 = 45 R 4

58) 100 ÷ 2 ÷ 5 = 10

59) 350 ÷ 5 ÷ 7 = 10

60) 4000 ÷ 5 ÷ 6 = 133 R 2

Challenge

61) A submarine is at 120 metres below sea level. It ascends by 45 metres and then descends by 30 metres. Where is it now?
105 metres below sea level

62) The temperature was 15°C in the morning. It rose by 8°C, then dropped by 10°C. What is the current temperature?
13°C

63) John had £50. He spends half of his money. He tripled what he had left and then gave £7 away. How much does John have now?
£68

64) A hiker climbed 150 metres up, then descended 80 metres, then went up another 30 metres. What is his final elevation change?
100 metres

65) A factory earns £400 in one week. The factory doubles its earnings, then spends £300 and then spends £67. How much does the factory have left?
£433

66) Jane baked 6 batches of cookies. Each batch had 14 cookies. She then gave away three-dozen. How many are left?
48 cookies

67) A diver was 50 metres below sea level. He rose 20 metres, then dived 40 more metres. What is his final position?
70 metres below sea level

68) Tim scores 15, 28 and x points during three matches of a game. If his total points scored was 72, work out the value of x.
x = 29 points

69) Sue withdraws £650 pounds from a bank. She spends half of it at the shop. If she pays with £400 in notes, how much change will she receive?

£75

70) Four friends go to a restaurant. One friend spends £20. The next friend spends £15 more. The remaining two friends spend the same amount. If the total bill was £130, how much does each person spend?

£20

£35

£37.50

£37.50