Year 5 Mathematics Examination

Aldrine Einsteen
Time allowed: 120 minutes

Arithmetic

1. Calculate: $278 + 347$

2. Subtract: $402 - 157$

3. Multiply: 19×8

4. Divide: $841 \div 29$

5. Multiply: 34×11

6. Subtract: $1001 - 234$

7. Calculate: $128 + 597$

8. Divide: $990 \div 45$

9. Subtract: $999 - 234$

10. Multiply: 31×9

11. Calculate: $178 + 347$

12. Divide: $900 \div 30$

13. Subtract: $500 - 134$

14. Multiply: 25×8

15. Calculate: $218 + 307$

16. Divide: $800 \div 40$

Number And Place Value

17. Write the number nine thousand, four hundred and five in digits.

18. What is the place value of 7 in the number 1,764,230?

19. Write the number twenty thousand, three hundred and twenty in digits.

20. What is the place value of 3 in the number 823,917?

21. Write the number sixty thousand, five hundred and twenty in digits.

22. What is the place value of 2 in the number 5,632,870?

23. Write the number thirty thousand, seven hundred and twenty in digits.

24. What is the place value of 5 in the number 1,035,917?

Fractions

25. Write $\frac{16}{24}$ in its simplest form.

26. What is $\frac{3}{4}$ of 20?

27. Write $\frac{27}{36}$ in its simplest form.

28. What is $\frac{5}{6}$ of 30?

29. Write $\frac{18}{24}$ in its simplest form.

30. What is $\frac{2}{3}$ of 18?

31. Write $\frac{30}{42}$ in its simplest form.

32. What is $\frac{4}{5}$ of 25?

Decimals

33. Write 0.375 as a fraction.

34. Add: $12.7 + 1.35$

35. Write 0.125 as a fraction.

36. Add: $1.75 + 0.125$

37. Write 0.25 as a fraction.

38. Add: $13.5 + 2.25$

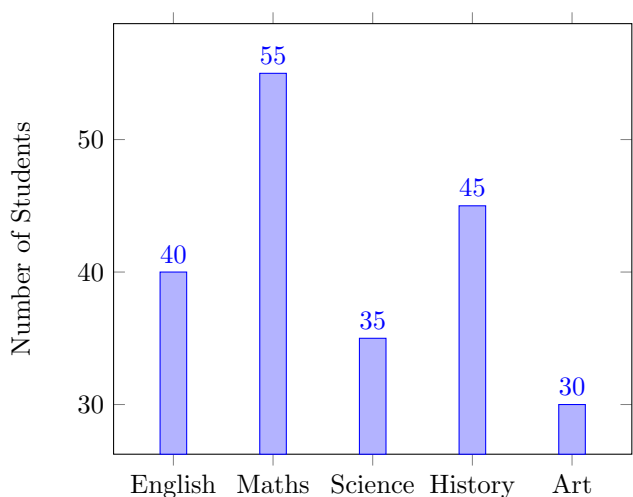39. Write 0.5 as a fraction.

40. Add: $3.75 + 0.225$

Percentages

41. What is 75% of 220?

42. Increase 300 by 15%.

43. What is 20% of 500?

44. Decrease 400 by 25%.

45. What is 35% of 200?

46. Increase 250 by 10%.

47. What is 45% of 400?

48. Decrease 500 by 30%.

Measurement And Geometry

49. Calculate the area of a rectangle with width 7 cm and length 12 cm.

50. What is the perimeter of a square with side length 11 cm?

51. Calculate the area of a rectangle with width 8 cm and length 15 cm.

52. What is the perimeter of a square with side length 9 cm?

53. Calculate the area of a rectangle with width 6 cm and length 13 cm.

54. What is the perimeter of a square with side length 12 cm?

55. Calculate the area of a rectangle with width 9 cm and length 14 cm.

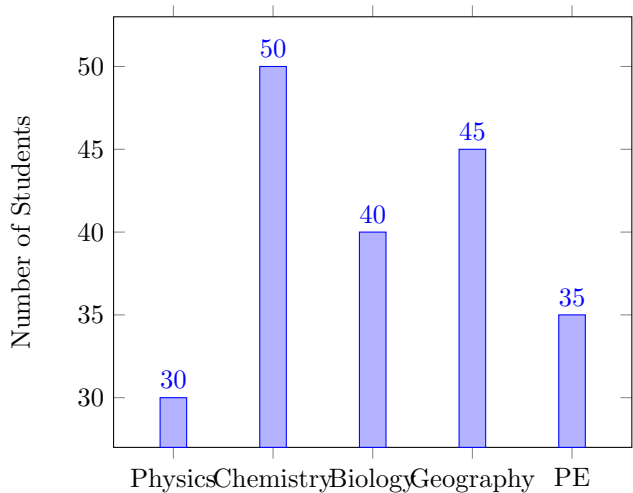56. What is the perimeter of a square with side length 10 cm?
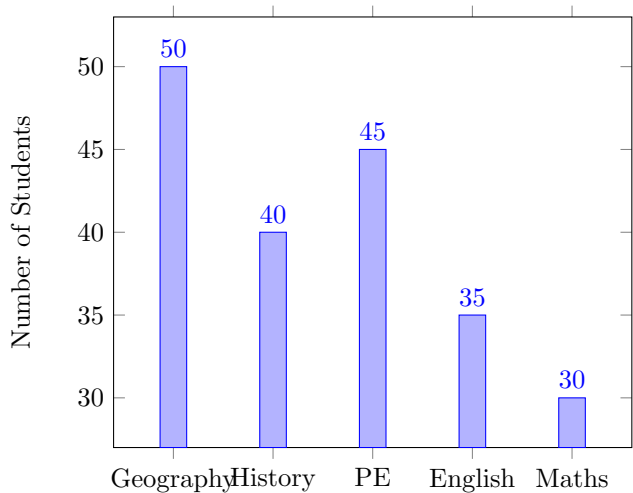
Graphs and Bar Charts

57.

58. What subject has the most students?

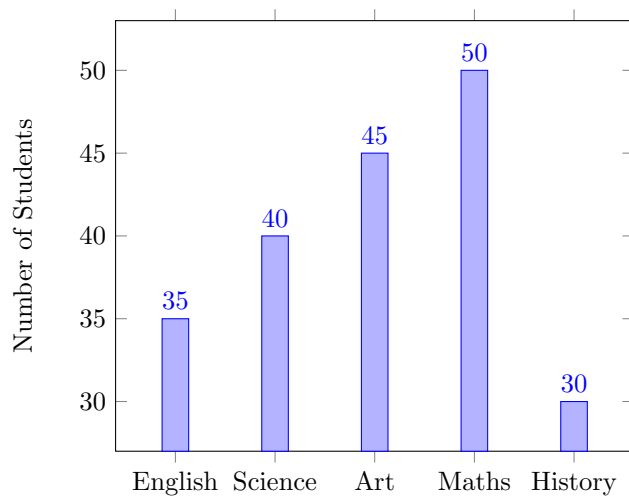59. What is the total number of students in all subjects?

60. What subject has the fewest students?

61. What is the total number of students in all subjects?

62. What subject has the most students?

63. What is the total number of students in all subjects?

64. What subject has the fewest students?

65. What is the total number of students in all subjects?