

Year 5 Mathematics Examination

Arithmetic

1. $278 + 347$
2. $402 - 157$
3. 19×8
4. $841 \div 29$
5. 34×11
6. $1001 - 234$
7. $128 + 597$
8. $990 \div 45$
9. $999 - 234$
10. 31×9

Number And Place Value

11. Write 9405 in words.
12. Write seven hundred thousand in numbers.
13. Write 20320 in words.
14. Write three thousand in numbers.

Fractions

15. Express 6 as a fraction of 9.
16. What is $\frac{3}{5}$ of 25?
17. Express 18 as a fraction of 24.
18. What is $\frac{3}{4}$ of 20?

Decimals

19. Convert 0.375 to a fraction in simplest form.
20. Add 12.7 and 1.35.
21. Convert 0.125 to a fraction in simplest form.
22. Add 1.75 and 0.125.

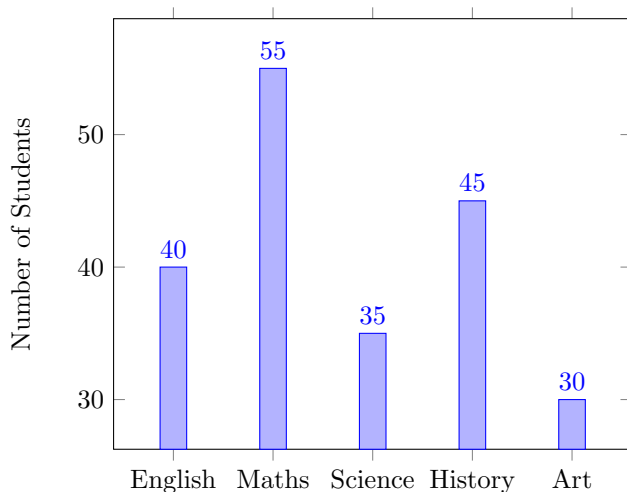
Percentages

23. Increase 150 by 10%.
24. What is 15% of 200?
25. Increase 300 by 20%.
26. What is 20% of 500?

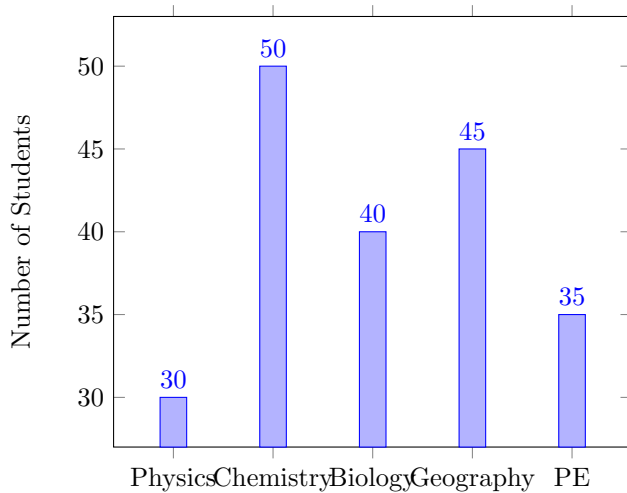
Measurement And Geometry

27. Calculate the area of a rectangle with width 7 cm and length 12 cm.
28. What is the perimeter of a square with side length 11 cm?
29. Calculate the area of a rectangle with width 8 cm and length 15 cm.
30. What is the perimeter of a square with side length 9 cm?
31. Calculate the area of a triangle with base 6 cm and height 8 cm.
32. What is the perimeter of a rectangle with width 4 cm and length 12 cm?
33. Calculate the area of a triangle with base 7 cm and height 10 cm.

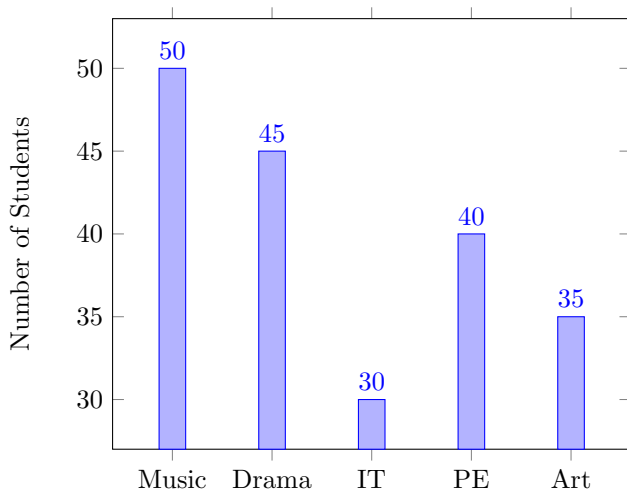
Graphs and Bar Charts



- 34.
35. What subject has the most students?
36. What is the total number of students in all subjects?



- 37.
38. What subject has the fewest students?
39. What is the total number of students in all subjects?



- 40.
41. What subject has the most students?
42. What is the total number of students in all subjects?

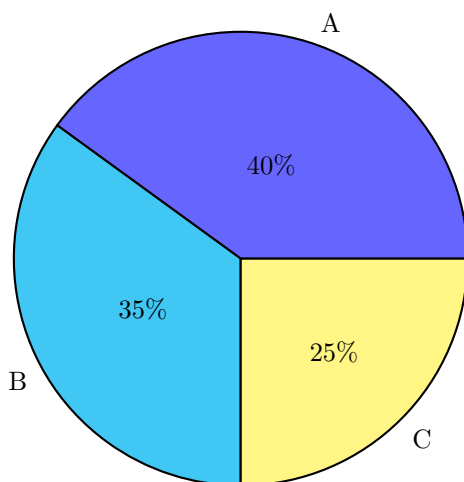
Clock and Time

39. What time will it be 3 hours after 2:00 PM?
40. If it is now 10:30 AM, what was the time 2 hours and 30 minutes ago?
41. A movie starts at 6:45 PM and lasts for 2 hours and 15 minutes. At what time does the movie end?
42. If a train departs at 11:00 AM and arrives at 3:00 PM, how long is the train journey?
43. How many minutes are there from 2:00 PM to 4:30 PM?

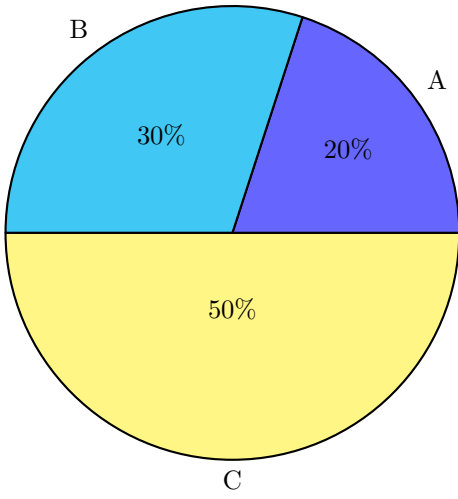
Distance

44. If John walks at a speed of 3 km/h, how far will he travel in 2 hours?
45. Mary cycles at a speed of 10 km/h. How far does she cycle in 30 minutes?
46. If a car travels 80 km in 1 hour, what is its speed in km/h?
47. A bus travels 60 km in 2 hours. What is its speed in km/h?
48. Peter runs at a speed of 5 km/h. How long does it take him to run 15 km?

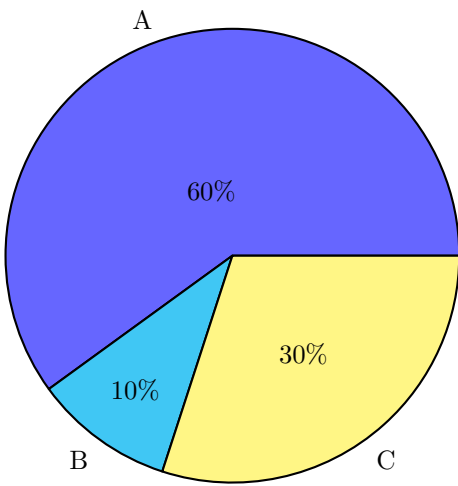
Pie Charts



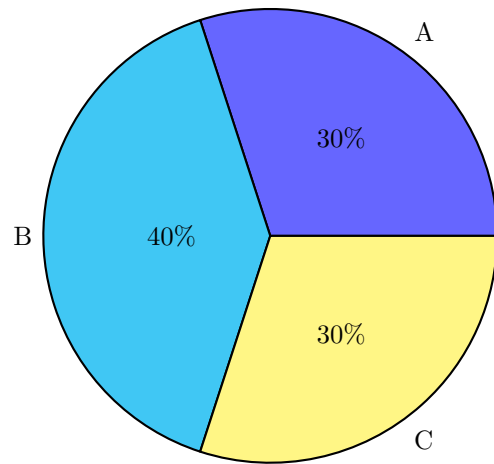
- 49.
- What percentage is category B?



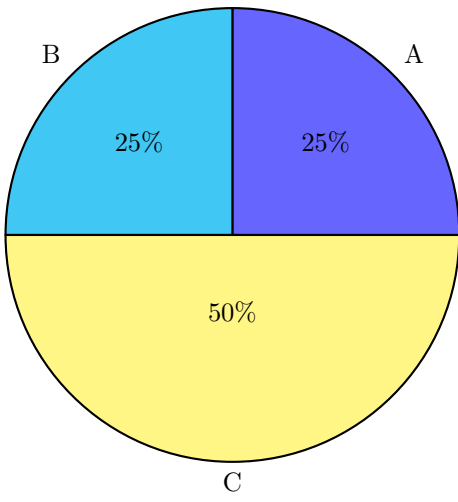
50.
What percentage is category C?



51.
What percentage is category A?



52.
What percentage is category B?



53. What percentage is category C?