

Year 5 Mathematics Examination

Arithmetic

1. $563 + 231$
2. $809 - 567$
3. 14×7
4. $741 \div 27$
5. 24×12
6. $2003 - 456$
7. $534 + 198$
8. $540 \div 18$
9. $889 - 345$
10. 27×8

Number And Place Value

11. Write 8709 in words.
12. Write nine hundred thousand in numbers.
13. Write 50670 in words.
14. Write four thousand in numbers.

Fractions

15. Express 7 as a fraction of 10.
16. What is $\frac{4}{5}$ of 30?
17. Express 16 as a fraction of 20.
18. What is $\frac{2}{3}$ of 18?

Decimals

19. Convert 0.625 to a fraction in simplest form.
20. Add 13.6 and 1.45.
21. Convert 0.25 to a fraction in simplest form.
22. Add 1.25 and 0.75.

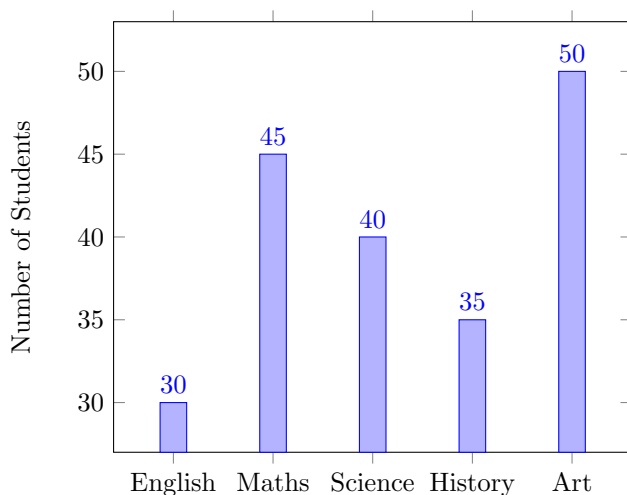
Percentages

23. Increase 250 by 15%.
24. What is 25% of 300?
25. Increase 400 by 25%.
26. What is 30% of 600?

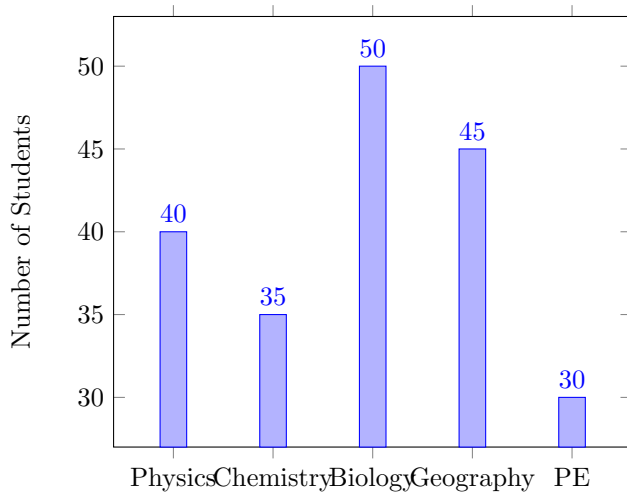
Measurement And Geometry

27. Calculate the area of a rectangle with width 5 cm and length 11 cm.
28. What is the perimeter of a square with side length 13 cm?
29. Calculate the area of a rectangle with width 6 cm and length 16 cm.
30. What is the perimeter of a square with side length 8 cm?
31. Calculate the area of a triangle with base 5 cm and height 7 cm.
32. What is the perimeter of a rectangle with width 3 cm and length 10 cm?
33. Calculate the area of a triangle with base 6 cm and height 9 cm.

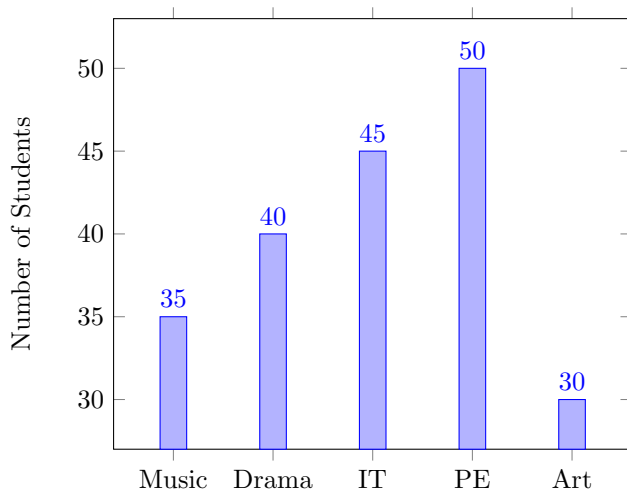
Graphs and Bar Charts



- 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?

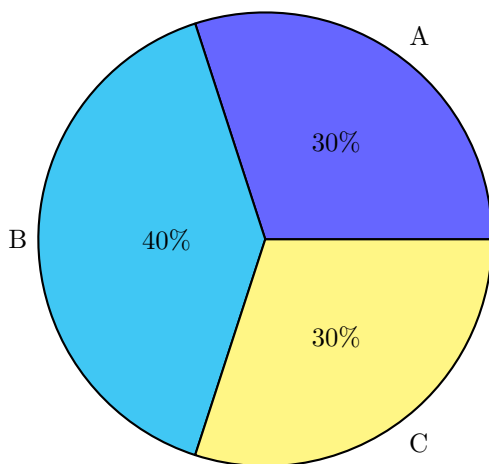
Clock and Time

39. What time will it be 4 hours after 3:00 PM?
40. If it is now 9:00 AM, what was the time 3 hours and 15 minutes ago?
41. A movie starts at 7:30 PM and lasts for 1 hour and 45 minutes. At what time does the movie end?
42. If a train departs at 10:00 AM and arrives at 4:00 PM, how long is the train journey?
43. How many minutes are there from 3:00 PM to 5:15 PM?

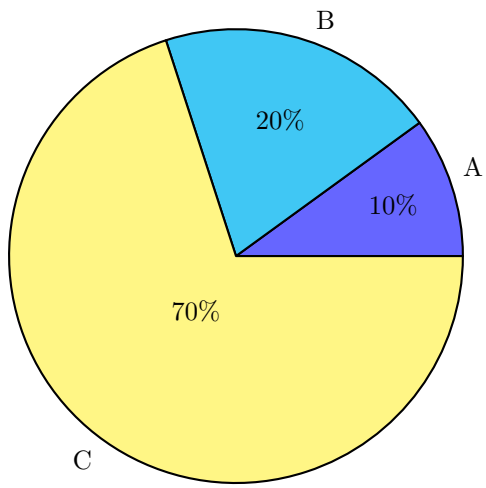
Distance

44. If John walks at a speed of 4 km/h, how far will he travel in 3 hours?
45. Mary cycles at a speed of 12 km/h. How far does she cycle in 45 minutes?
46. If a car travels 100 km in 2 hours, what is its speed in km/h?
47. A bus travels 80 km in 4 hours. What is its speed in km/h?
48. Peter runs at a speed of 6 km/h. How long does it take him to run 18 km?

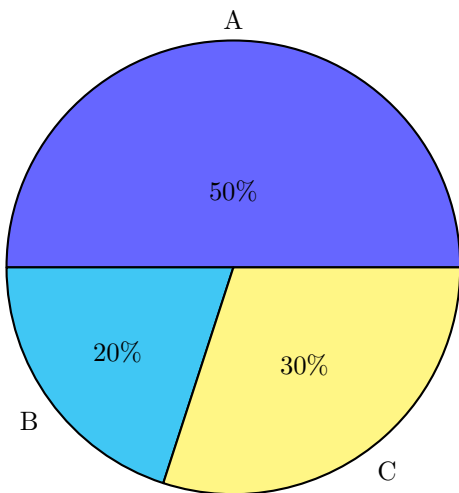
Pie Charts



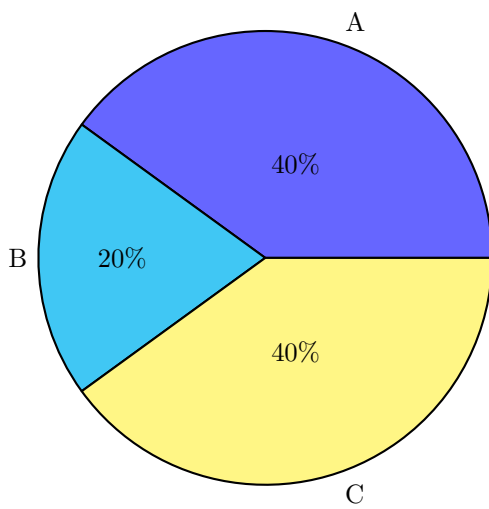
- 49.
- What percentage is category B?



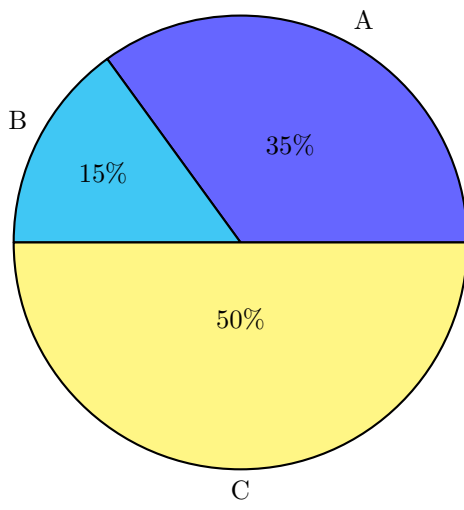
50.
What percentage is category C?



51.
What percentage is category A?



52.
What percentage is category B?



53.
What percentage is category C?