

Summer Packet

Complete the statement with <, > or =.

- 2.7 kg _____ 1976 mg
- 0.012 _____ 0.021

Estimate the sum, difference, product, or quotient.

- $1492 - 71 =$ _____

Evaluate the expression when $x = 6$.

- $57 - x^2 =$ _____

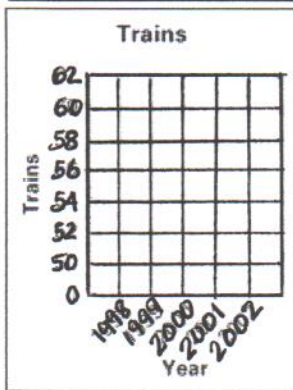
Solve the equation using mental math.

- $5x = 35$ $x =$ _____
- A rectangle has an area of 104 square centimeters. The width is 8 centimeters. What is the length of the rectangle?

length = _____

- Make a line graph of the data showing the number of passenger trains a company has in operation.

| | | | | | |
|--------|------|------|------|------|------|
| Year | 1998 | 1999 | 2000 | 2001 | 2002 |
| Trains | 52 | 55 | 54 | 56 | 60 |



- Find the mean, median, mode and range of the data.

12, 13, 21, 15, 12, 16, 13, 11, 12, 15

Mean _____

Median _____

Mode _____

Range _____

Name: _____

ID: A

9. Write the number twenty-six and seventy-one thousandths as a decimal.

Order the numbers from least to greatest.

10. 0.9076, 0.879, 0.937, 0.8912

Round the decimal as specified.

11. 1.05651 (nearest thousandth) _____

Find the sum or difference.

12. $0.0125 + 0.137 =$ _____

13. $\frac{11}{24} + \frac{7}{24} =$ _____

14. $\frac{2}{5} + \frac{7}{20} =$ _____

15. $8\frac{9}{16} - 5\frac{5}{8} =$ _____

16. $17 + (-28) =$ _____

17. $8 - (-6) =$ _____

Find the product or quotient.

18. $1.9 \times 7.2 =$ _____

19. $101.47 \div 3.65 =$ _____

20. $\frac{7}{8} \times \frac{4}{15} =$ _____

21. $1\frac{1}{5} \times 1\frac{1}{3} =$ _____

22. $\frac{9}{11} \div \frac{3}{5} =$ _____

Name: _____

ID: A

23. $2\frac{1}{6} \div 3\frac{5}{7} =$ _____

24. $-17(13) =$ _____

25. $-24 \div (-6) =$ _____

26. Find the GCF and LCM of 27 and 36.

LCM = _____

27. Order the numbers from least to greatest: $\frac{9}{5}, 2\frac{2}{3}, \frac{5}{2}, \frac{7}{4}$

28. Sixty students out of eighty say they like the school's cafeteria food. Write this number as a decimal and as a fraction in simplest form.

Change the measurement to the specified unit.

29. $6\frac{1}{2}$ cups = _____ pts.

Solve the proportion.

30. $\frac{w}{39} = \frac{8}{24}$ w = _____

Write the decimal or fraction as a percent.

31. $\frac{5}{8} =$ _____

32. What is 24% of 60? _____

33. A store has coats on sale for 25% off. How much will you pay for a coat that was originally \$80 if there is a 6% sales tax?
