

Write the missing numbers for the table.

1.

| Fraction       | Decimal | Percent |
|----------------|---------|---------|
|                |         | 58%     |
| $\frac{6}{18}$ |         |         |
|                | 0.5     |         |
|                | 0.32    |         |
| $\frac{7}{8}$  |         |         |
|                |         | 8%      |

Evaluate the following algebraic expressions for  $c = 9.3$  and  $d = 20$ .

2.  $c + 1$

\_\_\_\_\_

3.  $c - 1.5$

\_\_\_\_\_

4.  $c / 3$

\_\_\_\_\_

5.  $c + 10.6$

\_\_\_\_\_

6.  $c * 4.6$

\_\_\_\_\_

7.  $15 - c$

\_\_\_\_\_

8.  $3d - 1$

\_\_\_\_\_

9.  $2d + 6.5$

\_\_\_\_\_

10.  $d + d$

\_\_\_\_\_

11.  $200 / d$

\_\_\_\_\_

12.  $d - (3 * 2)$

\_\_\_\_\_

13.  $d^3$

\_\_\_\_\_

Compare. Write  $<$  or  $>$ .

14.  $\frac{1}{7}$  \_\_\_\_\_  $\frac{1}{6}$

15.  $\frac{3}{8}$  \_\_\_\_\_  $\frac{8}{3}$

16.  $\frac{2}{4}$  \_\_\_\_\_  $\frac{2}{12}$

17.  $\frac{2}{11}$  \_\_\_\_\_  $\frac{5}{50}$

18.  $\frac{7}{10}$  \_\_\_\_\_  $\frac{12}{25}$

19.  $\frac{1}{9}$  \_\_\_\_\_  $\frac{2}{24}$

20.  $\frac{7}{12}$  \_\_\_\_\_  $\frac{9}{15}$

21.  $\frac{18}{20}$  \_\_\_\_\_  $\frac{11}{13}$

22.  $\frac{3}{4}$  \_\_\_\_\_  $\frac{6}{9}$

Write the missing numbers for the table.

23.

| Product   | Exponential Notation | Standard Notation |
|---|----------------------|-------------------|
|   | $9^3$                |                   |
|   | $12^{\square}$       | 144               |
|   | $10^6$               |                   |
| $\frac{1}{10} * \frac{1}{10} * \frac{1}{10} * \frac{1}{10}$ | $10^{\square}$       |                   |

Solve.

24.  $a = 7 - 14$  \_\_\_\_\_

25.  $32 - 66 = b$  \_\_\_\_\_

26.  $4 - 18 = c$  \_\_\_\_\_

27.  $39 - 47 = d$  \_\_\_\_\_

28.  $-15 - 73 = e$  \_\_\_\_\_

29.  $-900 + 30 = f$  \_\_\_\_\_

30.  $g = 29 - 600$  \_\_\_\_\_

31.  $h = 230 - 35$  \_\_\_\_\_

32.  $45 - 92 = i$  \_\_\_\_\_

33.  $45 - 39 = j$  \_\_\_\_\_

34.  $70 - 30 = k$  \_\_\_\_\_

35.  $50 - 80 = l$  \_\_\_\_\_

36.  $2 - 18 = m$  \_\_\_\_\_

37.  $12 - 77 = n$  \_\_\_\_\_

Complete the number lines.

