

5th grade Summer work

Name _____ Date _____

Place answers on the right.

Answers

CHAPTER 1

Practice 1-1

Write the number in standard form.

- 1a. 8 thousands 2 tens b. twenty-two thousand
- 2a. four hundred seventy-three million b. 700,000,000 + 400,000 + 10,000 + 7000 + 200 + 1

Write the word name for each number.

- 3a. 1,020,140 b. 80,000 + 4000 + 500

Write each number in expanded form.

- 4a. 668,850,201 b. 5,884,901

Write the place and value of the underlined digit.

- 5a. 2,300,400 b. 608,721 c. 2,300,400

Compare. Write <, =, or >.

- 6a. 3983 ? 3892 b. 2,120,121 ? 2,102,101

1a) _____ 1b) _____

2a) _____ 2b) _____

3a) _____

4a) _____

5a) _____ 5b) _____

6a) _____ 6b) _____

Answers

CHAPTER 2

Practice 2-1

- 1a. 1 + 0 b. 4 + 4 c. 0 + 7
- 2a. 3 + 5 + 4 + 7 + 1 b. 6 + 1 + 6 + 1
- 3a. 3 - 1 b. 8 - 0 c. 7 - 7
- 4a. 17¢ - 8¢ b. 11¢ - 6¢ c. 12¢ - 12¢

Find the value of the variable.

- 5a. 9 + e = 14 b. 9 = 7 + y
- 6a. 7 - b = 1 b. 5 = w - 8

Estimate the sum or difference.

- 7a. 28 + 22 b. 589 + 612 c. 825 - 592
- 8a. \$1.28 + 1.15 b. \$309 + 194 c. \$8.89 - 7.20

1a) _____ 1b) _____ 1c) _____

2a) _____ 2b) _____

3a) _____ 3b) _____ 3c) _____

4a) _____ 4b) _____ 4c) _____

5a) _____ 5b) _____

6a) _____ 6b) _____

7a) _____ 7b) _____ 7c) _____

8a) _____ 8b) _____ 8c) _____

CHAPTER 3

Practice 3-1

$$\begin{array}{r} 1a. \quad 323 \\ + 679 \\ \hline \end{array} \quad \begin{array}{r} b. \quad 19 \\ + 894 \\ \hline \end{array}$$

$$\begin{array}{r} 2a. \quad 94,320 \\ + 84,002 \\ \hline \end{array} \quad \begin{array}{r} b. \quad 190,029 \\ + 870,993 \\ \hline \end{array}$$

$$\begin{array}{r} 3a. \quad 82,302 \\ \quad 97,586 \\ + 73,222 \\ \hline \end{array} \quad \begin{array}{r} b. \quad 79 \\ \quad 500 \\ \quad 639 \\ + 322 \\ \hline \end{array}$$

Practice 3-2

$$\begin{array}{r} 1a. \quad 894 \\ - 190 \\ \hline \end{array} \quad \begin{array}{r} b. \quad 300 \\ - 28 \\ \hline \end{array}$$

$$\begin{array}{r} 2a. \quad 5493 \\ - 2500 \\ \hline \end{array} \quad \begin{array}{r} b. \quad 7000 \\ - 429 \\ \hline \end{array}$$

$$\begin{array}{r} 3a. \quad \$9.29 \\ - 1.63 \\ \hline \end{array} \quad \begin{array}{r} b. \quad \$43.50 \\ - 25.70 \\ \hline \end{array}$$

CHAPTER 4

Practice 4-1

$$1a. \quad 3 \times 0 \quad b. \quad 1 \times 5 \quad c. \quad 0 \times 8$$

$$2a. \quad 7 \times 6 \quad b. \quad 6 \times 7 \quad c. \quad 9 \times 1$$

$$3a. \quad 3 \times 21 \quad b. \quad 5 \times 18 \quad c. \quad 6 \times 94$$

$$4a. \quad 7 \times 100 \quad b. \quad 4 \times 805 \quad c. \quad 2 \times 4500$$

$$5a. \quad 12 \times \$1.02 \quad b. \quad 41 \times \$3.40 \quad c. \quad 35 \times \$6.50$$

6. What is the product of 472 and zero?

7. Joel bought 3 boxes of peaches. There were 6 peaches in each box. How many peaches did he buy?

8. There are 115 windows on each floor of an office building. The building has 48 floors. How many windows does the building have?

Answers

$$1a) \quad \underline{\hspace{2cm}} \quad 1b) \quad \underline{\hspace{2cm}}$$

$$2a) \quad \underline{\hspace{2cm}} \quad 2b) \quad \underline{\hspace{2cm}}$$

$$3a) \quad \underline{\hspace{2cm}} \quad 3b) \quad \underline{\hspace{2cm}}$$

$$1a) \quad \underline{\hspace{2cm}} \quad 1b) \quad \underline{\hspace{2cm}}$$

$$2a) \quad \underline{\hspace{2cm}} \quad 2b) \quad \underline{\hspace{2cm}}$$

$$3a) \quad \underline{\hspace{2cm}} \quad 3b) \quad \underline{\hspace{2cm}}$$

Answers

$$1a) \quad \underline{\hspace{2cm}} \quad 1b) \quad \underline{\hspace{2cm}} \quad 1c) \quad \underline{\hspace{2cm}}$$

$$2a) \quad \underline{\hspace{2cm}} \quad 2b) \quad \underline{\hspace{2cm}} \quad 2c) \quad \underline{\hspace{2cm}}$$

$$3a) \quad \underline{\hspace{2cm}} \quad 3b) \quad \underline{\hspace{2cm}} \quad 3c) \quad \underline{\hspace{2cm}}$$

$$4a) \quad \underline{\hspace{2cm}} \quad 4b) \quad \underline{\hspace{2cm}} \quad 4c) \quad \underline{\hspace{2cm}}$$

$$5a) \quad \underline{\hspace{2cm}} \quad 5b) \quad \underline{\hspace{2cm}} \quad 5c) \quad \underline{\hspace{2cm}}$$

$$6) \quad \underline{\hspace{2cm}}$$

$$7) \quad \underline{\hspace{2cm}}$$

$$8) \quad \underline{\hspace{2cm}}$$

Practice 5-2

1a. $9 \overline{)819}$ b. $4 \overline{)110}$

2a. $3 \overline{)621}$ b. $6 \overline{)650}$

3a. $5 \overline{)515}$ b. $7 \overline{)745}$

4a. $8 \overline{)8968}$ b. $5 \overline{)1005}$

5a. $4 \overline{)\$31.20}$ b. $9 \overline{)\$9.36}$

Use the order of operations to solve.

7a. $9 - 2 \times 3$ b. $16 \div 2 + 3$

8a. $5 \times 10 \div 2$ b. $360 \div 4 \times 2$

9) Elena has 98 inches of ribbon. How many 6-inch pieces can she cut? Will there be any ribbon left over? how much?

10) If 3634 is divided by 7, what are the quotient and the remainder?

Practice 6-1

Write *in.*, *ft*, *mi*, *c*, *gal*, or *lb* for the unit you would use to measure each.

- | | |
|-----------------------------------|---------------------------------------------|
| 1a. the length of a finger | b. the weight of a bowling ball |
| 2a. the capacity of a juice glass | b. the distance from San Diego to Las Vegas |
| 3a. the height of a door | b. the capacity of an oil barrel |

Add.

4a. $\begin{array}{r} 8 \text{ ft } 5 \text{ in.} \\ + 4 \text{ ft } 7 \text{ in.} \\ \hline \end{array}$	b. $\begin{array}{r} 6 \text{ ft } 8 \text{ in.} \\ - 3 \text{ ft } 5 \text{ in.} \\ \hline \end{array}$
-----------------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------

Rename each unit of measure.

- | | |
|-----------------------------------------------------|---------------------------------------------------|
| 5a. $36 \text{ in.} = \underline{\quad} \text{ ft}$ | b. $4 \text{ gal} = \underline{\quad} \text{ qt}$ |
| 6a. $3 \text{ lb} = \underline{\quad} \text{ oz}$ | b. $32 \text{ c} = \underline{\quad} \text{ pt}$ |

Write *cm*, *m*, *km*, *mL*, *L*, or *g* for the unit you would use to measure each.

- | | |
|--------------------------------------|--------------------------------|
| 1a. the mass of a goldfish | b. the thickness of a book |
| 2a. the distance from Rome to Madrid | b. the capacity of a fish tank |
| 3a. the capacity of a teaspoon | b. the length of a large rug |

Answers

- | | |
|-----------|-----------|
| 1a) _____ | 1b) _____ |
| 2a) _____ | 2b) _____ |
| 3a) _____ | 3b) _____ |
| 4a) _____ | 4b) _____ |
| 5a) _____ | 5b) _____ |
| 7a) _____ | 7b) _____ |
| 8a) _____ | 8b) _____ |
| 9) _____ | |
| 10) _____ | |

Answers

- | | |
|-----------|-----------|
| 1a) _____ | 1b) _____ |
| 2a) _____ | 2b) _____ |
| 3a) _____ | 3b) _____ |
| 4a) _____ | 4b) _____ |
| 5a) _____ | 5b) _____ |
| 6a) _____ | 6b) _____ |

Answers

- | | |
|-----------|-----------|
| 1a) _____ | 1b) _____ |
| 2a) _____ | 2b) _____ |
| 3a) _____ | 3b) _____ |

Practice 7-1

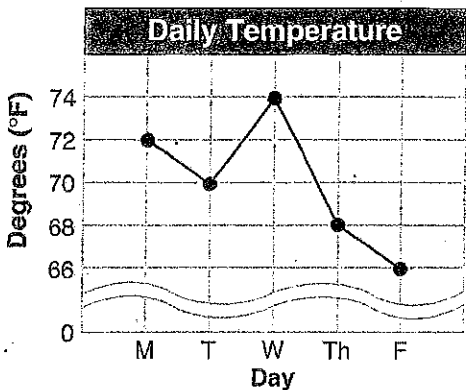
Problem Solving

Use the survey results to solve problems 1–3.

Favorite Numbers of Mr. Porter's Class
7, 5, 7, 11, 2, 3, 13, 5, 7, 11, 2, 8, 8, 7, 7, 5

1. Make a tally chart and a line plot from the survey data.
2. Which was the most popular number?
3. Which numbers were equally popular?

Use the line graph to solve.



4. Which day was the warmest?
5. On which day was the temperature 70°F?

Practice 8-2

List all the common factors of each set of numbers. Then circle the GCF.

- 1a. 8 and 10 b. 20 and 30 c. 6, 12, and 42

Write each fraction in simplest form.

2a. $\frac{5}{25}$ b. $\frac{3}{9}$ c. $\frac{6}{18}$

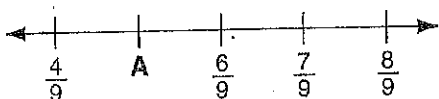
3a. $\frac{20}{100}$ b. $\frac{2}{14}$ c. $\frac{8}{12}$

Compare. Write $<$, $=$, or $>$.

4a. $\frac{1}{2} ? \frac{3}{4}$ b. $\frac{1}{10} ? \frac{2}{20}$

5a. $\frac{1}{6} ? \frac{1}{12}$ b. $\frac{5}{8} ? \frac{1}{8}$

6. Name the fraction for letter A.



Answers

- 1.
2. _____
3. _____
4. _____
5. _____

Answers

- 1a) _____
- 1b) _____
- 1c) _____
- 2a) _____ 2b) _____ 2c) _____
- 3a) _____ 3b) _____ 3c) _____
- 4a) _____ 4b) _____
- 5a) _____ 5b) _____
- 6) _____

CHAPTER 9

Practice 9-1

Solve. Write the answer in lowest terms.

1a. $\frac{6}{8} + \frac{1}{8}$

b. $\frac{4}{10} - \frac{2}{10}$

2a. $3\frac{3}{5} + 2\frac{1}{5}$

b. $9\frac{7}{8} - 4\frac{3}{8}$

3a. $\frac{2}{3} + \frac{4}{6}$

b. $\frac{8}{10} + \frac{3}{5}$

4a. $\frac{1}{2} - \frac{1}{4}$

b. $\frac{2}{5} + \frac{3}{10}$

List the first six common multiples for each.
Circle the least common multiple.

5a. 4, 10 b. 2, 6 c. 3, 6, and 9

Write as a whole number or mixed number in simplest form.

6a. $\frac{12}{10}$

b. $\frac{16}{4}$

c. $\frac{22}{4}$

Answers

- 1a) _____ 1b) _____
 2a) _____ 2b) _____
 3a) _____ 3b) _____
 4a) _____ 4b) _____
 5a) _____
 5b) _____
 5c) _____
 6a) _____ 6b) _____ 6c) _____

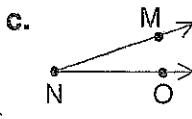
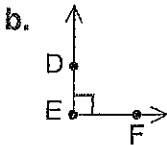
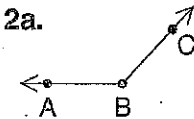
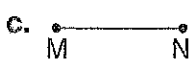
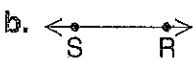
Answers

- 1a) _____ 1b) _____
 1c) _____
 2a) _____ 2b) _____
 2c) _____
 3) _____
 4) _____
 5) _____
 6) _____

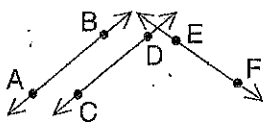
CHAPTER 10

Practice 10-1

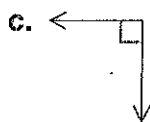
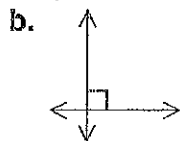
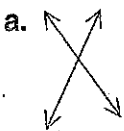
Name each figure.



3. Which lines are parallel?



4. Which lines are *not* perpendicular?



5. What shape is formed when two rays share a common endpoint?

6. How many sides does a triangle have? a pentagon? a hexagon?