**1.** Eli's family eats $1\frac{3}{8}$ pizzas. Which drawing has $1\frac{3}{8}$ shaded?

**A**



**B**



**C**



**D**
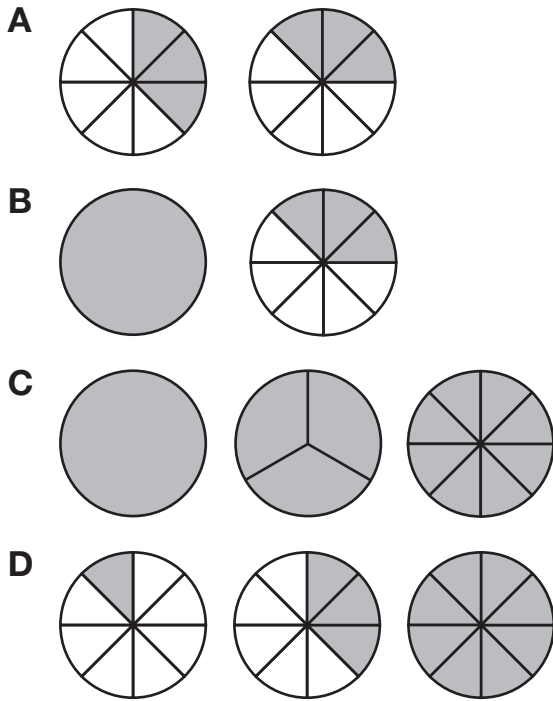


**2.** Barb has 2 cats. Rita has 13 fish and 1 dog. Sam has 4 dogs and 2 birds. How many animals do Barb, Rita, and Sam have all together?

**A** 31

**B** 22

**C** 19

**D** 12

**3.** Mr. Martin works 9 hours each day for 5 days. What is the total number of hours he works?

_____

**4.** Jules tosses a penny 3 times. List all the possible combinations of heads (H) and tails (T) that Jules might get.

_____

_____

_____

**5.** This drawing shows two streets that cross each other.
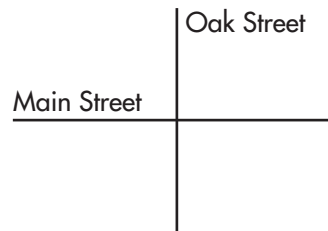


When Main Street crosses Oak Street, what kind of angle do they appear to form?

_____

1. A cargo ship weighs one billion, three hundred forty-six million, thirty thousand, four hundred pounds. What is this weight written in standard form?

   **A** 1,000,346,430

   **B** 1,000,400,346

   **C** 1,346,030,400

   **D** 1,346,340,000

2. The mean distance from the planet Neptune to the sun is 4,497,000,000 kilometers. In this distance, which number is in the ten millions place?

   **A** 9

   **B** 7

   **C** 4

   **D** 0

3. A scientist collects a sample with a mass of 6,097,221,003 grams. What is the mass of the sample if the scientist

   **a.** increases it by 1,000 grams?

   _____

   **b.** increases it by 100,000,000 grams?

   _____

   **c.** decreases it by 1,000,000 grams?

   _____

4. Write the missing information in the table below.

   | | |
   |---|---|
   | 16 × 1 = | 16 |
   | 16 × 10 = | 160 |
   | 16 × 100 = | |
   | 16 × 1,000 = | 16,000 |

1. Acme Nails made 55,672,459,257 nails last year. The Jones Company made <u>more</u> nails than Acme did. Which could be the number of nails made by the Jones Company?

   **A** 55,599,599,399

   **B** 55,674,348,146

   **C** 55,573,560,458

   **D** 55,672,360,368

2. The chart shows the distance to Star X from 4 other stars.

   **Distance of Stars to Star X**

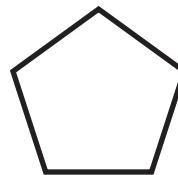   | Stars | Distance |
   |-------|----------|
   | P | 6,239,000,093 miles |
   | Q | 6,340,999,122 miles |
   | R | 6,239,100,291 miles |
   | S | 6,308,512,300 miles |

   Which lists the stars in order from least to greatest distance to Star X?

   **A** P, R, S, Q

   **B** P, Q, R, S

   **C** S, R, Q, P

   **D** S, P, Q, R

3. Write a number that is less than 4,001,020,000.

   _____

   _____

   _____

4. Write a number that is greater than 10,910,099,999, but is less than 11,000,000,000.

   _____

   _____

   _____

   _____

   _____

5. Look at the shape below.



   How many vertices does this shape have?

   _____

1. What is the value of the underlined digit?

   1.207<u>6</u>53

   A  0.0006
   B  0.006
   C  2.0006
   D  2.006

2. Caroline has five and six hundred twenty thousandths yards of batting to put into a quilt. What is that number in standard form?

   A  5,620
   B  5,600.20
   C  5.620
   D  0.5620

3. 27,563 is greater than _____?

   A  27,536
   B  27,563
   C  27,567
   D  27,653

4. Nico's new skateboard is 7.75 inches wide. Write 7.75 in word form.

   _____

   _____

   Name two decimals that are equivalent to 7.75.

   _____

   _____

5. Kari weighs thirty-eight and nine thousand seven hundred seventy-two ten-thousandths kilograms. What is her weight in standard form?

   _____

   What is the value of the digit 9 in the number that shows Kari's weight?

   _____

   Kari's weight is 85.75 in pounds. Write 85.75 in word form.

   _____

   _____

1. The chart shows about how much one U.S. dollar was worth in euros, the currency used in Europe.

**Worth of U.S. Dollar in Euros**

| Date | Estimated Worth of $1 in Euros |
|------|--------------------------------|
| January 17 | 0.828 |
| February 17 | 0.834 |
| March 17 | 0.820 |
| April 17 | 0.815 |

On which date was a U.S. dollar worth the most amount in euros?

A  January 17

B  February 17

C  March 17

D  April 17

2. The speeds in pages per minute (ppm) for four printers are: 7.105 ppm, 7.221 ppm, 7.4 ppm, and 7.08 ppm. Which lists the speeds in order from greatest to least number of pages per minute?

A  7.08, 7.105, 7.221, 7.4

B  7.4, 7.221, 7.105, 7.08

C  7.221, 7.105, 7.08, 7.4

D  7.4, 7.08, 7.105, 7.221

3. Fill in the blanks with the digits 3, 4, and 5 to write the greatest possible decimal. Use each digit once.

0 . ___ ___ ___

4. Look at the number line below.
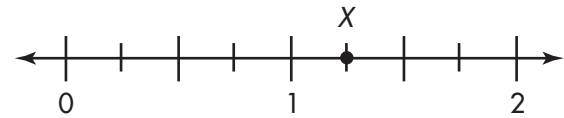


What value does point X show?

_____

5. Fill in the blanks with the digits 0, 1, 2, and 3 to make each number sentence true. Use each digit once in each number sentence.

a.  ___ . ___ ___ ___ > 2.099

b.  ___ . ___ ___ ___ < 2.099

1. The table shows the price of a hot dog at the school fair for the past 4 years.

**Price of Hot Dogs**

| Year | 2001 | 2002 | 2003 | 2004 |
|------|------|------|------|------|
| Price | $0.90 | $0.91 | $0.92 | |

Which was most likely the price of a hot dog at the school fair in 2004?

A  $0.92

B  $0.93

C  $0.95

D  $0.99

2. The table shows the thickness of four kinds of paper.

**Paper Thicknesses**

| Kind of Paper | Thickness (in millimeters) |
|---------------|----------------------------|
| Book | 0.147 |
| Cover | 0.152 |
| Index | 0.216 |
| Rag | 0.081 |

Which lists the kinds of paper in order from thinnest to thickest?

A  Book, Cover, Index, Rag

B  Book, Cover, Rag, Index

C  Rag, Cover, Index, Book

D  Rag, Book, Cover, Index

3. Fill the boxes in the decimal grid below. Use the pattern *add 0.001*.

| 0.345 | | | |
|-------|--|--|--|

4. The graph shows the number of students in the lunchroom wearing different kinds of shoes.



**Students' Shoes**
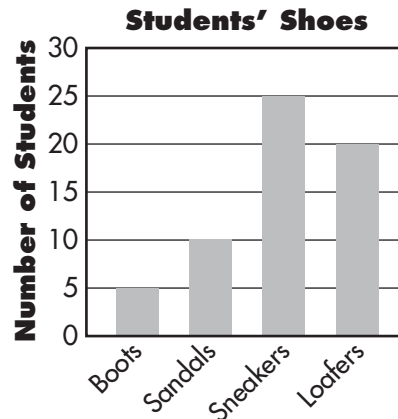
Which kind of shoes are the most popular?

_____

Daily Spiral Review
**2-2**

**1.** The chart shows the growth of a plant each month.

**Monthly Plant Growth**

| Month | Growth (in millimeters) |
|-------|-------------------------|
| May   | 3                       |
| June  | 16                      |
| July  | 27                      |

What is the total growth of the plant from May through July?

A  46 millimeters

B  30 millimeters

C  27 millimeters

D  24 millimeters

**2.** Jenny read 47 pages last week. This week she read 102 pages. How many <u>more</u> pages did Jenny read this week than last week?

A  53

B  55

C  102

D  149

**3.** Rico buys a rectangular rug to put on his living room floor. The rug is 8 feet long and 6 feet wide. What is the area of the floor that the rug will cover?

_____

**4.** Kim has $260 in her checking account. She puts in $39. Then she writes a check for $58. How much is left in Kim's account?

_____

**5.** What is the value of the underlined digit?

8,5<u>3</u>1,980,112

_____

1. Ms. Alvarez's class collects 54 pounds of food during their holiday food drive. Which number sentence could you use to find how many 6-pound bags of food the students can give away?

    **A** $54 + 6 = \square$

    **B** $54 - 6 = \square$

    **C** $54 \times 6 = \square$

    **D** $54 \div 6 = \square$

2. The driving time between Houston and Los Angeles is about 22.88 hours. What is this number rounded to the nearest tenth?

    **A** 20

    **B** 22.88

    **C** 22.9

    **D** 23.0

3. Last year, the Able Company made less money than the Baker Company. Baker made $35,021,242,010. Which could be the amount of money Able made?

    **A** $35,102,831,009

    **B** $35,019,300,020

    **C** $35,030,000,105

    **D** $35,130,241,000

4. As of June 19, 2006, the population of the earth was estimated at 6,523,183,959. What is this number rounded to the nearest hundred million?

    _____

5. What is the number below rounded to the place of the underlined digit?

    58<u>2</u>.091

    _____

6. Write 4,508,020,993 in word form.

    _____

    _____

    _____

    _____

    _____

    _____

1. A carpenter cuts 3.7 feet from a board that is 10.9 feet long. Which is the best estimate of the length of the remaining board?

   **A** 4 feet

   **B** 7 feet

   **C** 11 feet

   **D** 15 feet

2. The list below shows the things Mark buys at a clothing store.

   ```
   Thank You For Shopping
      at Clark's Clothes
          Shoppe!

   Socks      $ 6.52
   Pants      $ 19.89
   Shirts     $ 21.15
   ```

   Which is the best estimate of the total Mark spends, not including tax?

   **A** $57

   **B** $48

   **C** $40

   **D** $36

3. James saves $23 each month. How much money has he saved after 7 months?

   _____

4. A soccer stadium has 40,218 seats. For one game, 37,842 people come to the stadium. Estimate the number of empty seats at the game to the nearest thousand.

   _____

   _____

5. Estimate the sum to the nearest whole number.

   $29.1 + 78.9 + 41.5$

   _____

6. Ryan takes 2 pairs of shoes (sneakers and sandals) and 3 pairs of shorts (red, blue, and white) when he goes on a trip. List all the possible outfits with 1 pair of shoes and 1 pair of shorts that Ryan could wear.

   _____

   _____

   _____

   _____

   _____

   _____

   _____

1. Maria practices her drums on all but 6 of the 31 days in January. Let *d* be the number of days Maria practices in January. Which equation could you use to find *d*?

   **A** $d - 31 = 6$

   **B** $d + 31 = 6$

   **C** $d - 6 = 31$

   **D** $d + 6 = 31$

2. The table shows the population of the four largest cities in Texas.

   **Largest Cities in Texas**

   | City | Population (as of April 2000) |
   |---|---|
   | Austin | 656,562 |
   | Dallas | 1,188,580 |
   | Houston | 1,953,631 |
   | San Antonio | 1,144,646 |

   What is the population of San Antonio, rounded to the nearest million?

   **A** 1,000,000

   **B** 1,100,600

   **C** 1,145,000

   **D** 1,200,000

3. Which of the four cities has the second-greatest population?

   **A** Austin

   **B** Dallas

   **C** Houston

   **D** San Antonio

4. Fill in the boxes to make the number sentences true.

   $7 \times \boxed{\phantom{0}} = 63$

   $63 \div \boxed{\phantom{0}} = 9$

5. A restaurant serves 42 chicken dinners and 18 steak dinners. Let *m* be the difference between the numbers of chicken and steak dinners.

   **a.** Draw a picture you could use to find *m*.

   **b.** What is the value of *m*?

   _____

6. Mark an *X* on any of these shapes that appear to have a pair of parallel lines.

1. The table shows the greatest distance between the sun and several planets.

**Distances from the Sun**

| Planet | Greatest Distance from the Sun (miles) |
|---|---|
| Mercury | 43,400,000 |
| Jupiter | 507,100,000 |
| Neptune | 2,819,080,000 |

How much farther from the sun is Neptune at its greatest distance than Mercury at its greatest distance?

A  463,700,000 miles

B  2,775,680,000 miles

C  2,862,480,000 miles

D  2,862,840,000 miles

2. The population of a city is 101,934. The city's suburbs have a population of 29,382. What is the total population of the city and its suburbs?

A  120,216

B  131,316

C  395,754

D  405,864

3. Yosemite National Park covers 750,000 acres. Mammoth Cave National Park covers 52,830 acres. How many more acres does Yosemite cover than Mammoth Cave?

_____

4. Write a division number sentence using 3, 9, and 27.

_____

_____

5. Fill in the blank to make the number sentence true.
420,008 − 9,569 =

_____

6. A bank offers savings accounts with these interest rates: 0.809, 0.098, and 0.890. Which rate is the greatest?

_____

1. Laura keeps track of the amount of gasoline she buys each week.

**Laura's Gasoline Purchases**

| Week | Amount of Gas Bought (gallons) |
|------|-------------------------------|
| 1 | 12.4 |
| 2 | 10.99 |
| 3 | 11.07 |
| 4 | 9.61 |

How many total gallons of gasoline did Laura buy during Week 1 and Week 2?

A  12.23

B  22.39

C  23.39

D  33.40

2. Ms. Reyes goes to the garden center. She buys a tree for $40.49 and some soil for $19.90. What is the total amount Ms. Reyes spends?

A  $42.48

B  $59.40

C  $59.59

D  $60.39

3. In a gymnastics meet, the team score is the total of each team member's score.

| Team A | Score | Team B | Score |
|--------|-------|--------|-------|
| Gina | 9.052 | Lou | 9.245 |
| Mari | 8.935 | Jen | 9.611 |
| Kim | 8.701 | Pat | 8.003 |
| Ana | 9.008 | Kira | 8.525 |

Which team wins the meet? What is the score of the winning team?

_____

4. Can you draw a triangle with two obtuse angles?

_____

_____

_____

_____

5. Mr. Blaine pays Ron, Nan, and Lin $45 to mow and clean up his yard. If Ron, Nan, and Lin share the money equally, how much does each person get?

_____

1. At a ski-jump competition, the first-place jumper has 231.2 points. The last-place jumper has 198.4 points. What is the difference between the scores for first and last place?

   A  32.8 points
   B  33.2 points
   C  41.8 points
   D  48.8 points

2. The regular price for a bicycle is $210.19. The sale price is $43.48 less than the regular price. What is the sale price?

   A  $177.71
   B  $175.39
   C  $166.71
   D  $146.41

3. Which is the best estimate of the weight of a car?

   A  2,000 gallons
   B  2,000 grams
   C  2,000 ounces
   D  2,000 pounds

4. Subtract.
   $$10.06 - 6.101$$

   _____

5. Jana's best time in a swim race so far is 3.058 minutes. What is the slowest she could swim the race and still beat her best time by 0.02 minutes?

   _____

6. The table shows the mass of 4 samples.

   |          | Mass (grams) |
   |----------|--------------|
   | Sample A | 0.130        |
   | Sample B | 0.301        |
   | Sample C | 0.031        |
   | Sample D | 0.013        |

   List the samples in order from least to greatest mass.

   _____