

1 The table shows the weights of four puppies.

Name	Weight
Friskers	11.07 pounds
Ajax	12.5 pounds
Happy	12.45 pounds
Bolt	11.5 pounds

What is the sum, in pounds, of the weights of the lightest puppy and the heaviest puppy?

- (A) 23.52 (B) 23.57 (C) 24.00 (D) 23.95

2 The population of the state of Indiana is 6,483,802. The population of the state of Arizona is 6,392,017. What is the difference between the populations of these two states?

- (A) 91,785 (B) 91,815 (C) 12,875,819 (D) 12,775,819

3 Julianne is using a scale to find the mass of a stapler, a book, and a pair of scissors. Look at the table.

Object	Mass (kg)
Stapler	0.54
Book	0.85
Scissors	?

If the combined mass of all three objects is 1.59 kilograms, what is the mass of the pair of scissors in kilograms?

- (A) 0.29 (B) 0.4 (C) 0.39 (D) 0.2

4 Dean and Brody played a video game. Dean's best score was 59,653 points higher than Brody's best score. If Dean's best score was 104,783 points, what was Brody's best score?

- (A) 55,130 points
 (B) 164,436 points
 (C) 45,130 points
 (D) 154,436 points

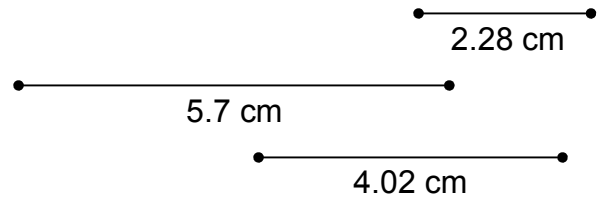
1 The table shows how many reference books four local libraries have.

Library	Books
P	542
Q	1,234
R	692
S	475

Which statement is true?

- (A) Together, libraries P and R have more reference books than library Q.
 (B) Library Q has 769 more reference books than library S.
 (C) Together, libraries P and S have 1,017 reference books.
 (D) Library S has 227 fewer books than library R.

2 Chalondra drew and labeled the three line segments shown below.



What is the combined length of the three segments in centimeters?

- (A) 11.37 (B) 12.18 (C) 11.98 (D) 12

3 At the Austin Zoo, the zebra weighs 785 pounds and the llama weighs 339 pounds. The tiger weighs 606 pounds less than the zebra and llama together. What is the weight of the tiger in pounds?

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0	0	0	
1	1	1	
2	2	2	
3	3	3	
4	4	4	
5	5	5	
6	6	6	
7	7	7	
8	8	8	
9	9	9	

4 The red rope is 5.45 meters long. This is 2.3 meters longer than the blue rope. What is the length of the blue rope in meters?

- (A) 7.75 (B) 3.15 (C) 7.48 (D) 3.42

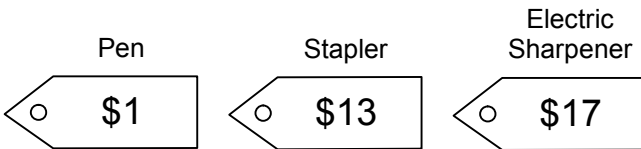
1 Yesterday 3 large crates of pears and 4 large crates of apples were delivered to Ms. Yuán's grocery store. Each crate of pears contained 25 sacks and each crate of apples contained 30 sacks. How many pears were delivered to her store yesterday?

- (A) If there were 15 pears in each sack then a total of 375 pears were delivered.
- (B) If there were 15 pears in each sack then a total of 450 pears were delivered.
- (C) If there were 15 pears in each sack then a total of 1,125 pears were delivered.
- (D) If there were 15 pears in each sack then a total of 1,500 pears were delivered.

2 At Gabriel's school, there are 3 fifth-grade classrooms and 2 fourth-grade classrooms. Each classroom has exactly 24 students. The principal at the school wants to give all of the fourth-graders and fifth-graders awards at the end of the year. The principal has 62 awards right now. How many more awards does the principal need to acquire?

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0	0	0	
1	1	1	
2	2	2	
3	3	3	
4	4	4	
5	5	5	
6	6	6	
7	7	7	
8	8	8	
9	9	9	

3 The prices of three different items at an office supply store are shown below.



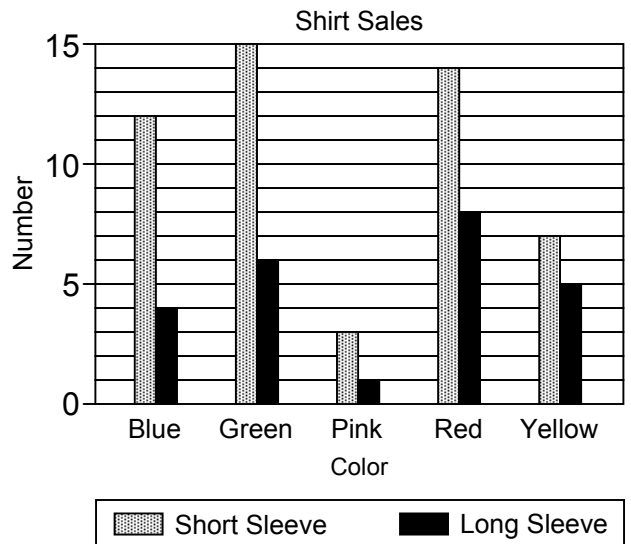
If the prices include tax, which statement is NOT true?

- (A) \$100 can buy 9 pens, 3 staplers, and 3 sharpeners.
- (B) \$200 can buy 15 staplers.
- (C) \$100 can buy 13 pens, 4 staplers, and 2 sharpeners.
- (D) \$200 can buy 12 sharpeners.

1 Shu-Fang has two different books that are recorded on CDs. The first book is recorded on 12 CDs and each is 60 minutes long. The second book is recorded on 8 CDs and each is 128 minutes long. How many total minutes longer is the second book than the first book?

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1	1	1	
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3	3	3	
4	4	4	
5	5	5	
6	6	6	
7	7	7	
8	8	8	
9	9	9	

2 Mr. Jackson sells short sleeve and long sleeve shirts in his store. The graph shows the number and color of each type of shirt he sold last week.



Mr. Jackson sold each short sleeve shirt for \$14 and each long sleeve shirt for \$16. What is the total amount of money Mr. Jackson earned by selling short sleeve shirts last week?

- (A) \$994
- (B) \$714
- (C) \$320
- (D) \$816

3 The librarian at Whitney's school challenged every student to read 33 books by the end of the year. If there are 595 students at the school, and each student reads 33 books, how many books will the students read in all?

- (A) 19,635
- (B) 19,575
- (C) 19,495
- (D) 18,935

1 Isabelle gathered 480 apples in her grandparents' orchard. She sorted the apples and found that 30 were rotten. She threw away the rotten apples and placed the remaining apples in 15 different sacks. If she placed the same number of apples in each sack, how many apples did she place in each sack?

- (A) 15, because $30 - 15 = 15$
- (B) 16, because $480 \div 30 = 16$
- (C) 30, because $(480 - 30) \div 15 = 30$
- (D) 32, because $480 \div 15 = 32$

2 All of the elementary principals in Houston will meet at a convention center on Thursday. Each table at the center can seat 16 principals. If 246 principals attend the meeting, what is the minimum number of tables that will be needed to seat all of the principals?

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1	1	1	
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4	4	4	
5	5	5	
6	6	6	
7	7	7	
8	8	8	
9	9	9	

3 The table shows the capacities of three empty jars that are used to hold flour.

Size of Jar	Capacity (oz)
Small	96
Medium	160
Large	224

William has a sack of flour that contains 600 ounces of flour. He will use a scoop to transfer flour from the sack to the jars. If the scoop holds 8 ounces of flour at one time, how many scoops of flour will be needed to completely fill the three jars?

- (A) 58
- (B) 60
- (C) 64
- (D) 75

4 Ruby has 896 beads. How many groups of 64 can she make with this number of beads?

- (A) 12
- (B) 16
- (C) 18
- (D) 14

1 Luther is looking at the prices of three different types of discs at a store. The prices include tax.

CDs	DVDs	Blu-Ray Discs
 \$9	 \$11	 \$19

Luther has \$125. If he buys as many Blu-ray discs as possible, how much money will he have left over?

- (A) \$11
- (B) \$10
- (C) \$13
- (D) \$6

2 Over a 5-day period, Mr. Sū will drive 2,890 miles from Los Angeles to New York. He will drive 650 miles on each of the first three days. He will drive the same distance on each of the last two days. How many miles will Mr. Sū drive on the last day?

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1	1	1	
2	2	2	
3	3	3	
4	4	4	
5	5	5	
6	6	6	
7	7	7	
8	8	8	
9	9	9	

3 Which number completes the equation below?

$$231 \div \square = 7$$

- (A) 37
- (B) 34
- (C) 33
- (D) 31

4 A coach received a shipment of 3 crates of tennis balls. Each crate contained 8 boxes. Each box contained 12 balls. The coach will divide the balls equally among 6 squads of players. How many balls will each squad receive?

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0	0	0	
1	1	1	
2	2	2	
3	3	3	
4	4	4	
5	5	5	
6	6	6	
7	7	7	
8	8	8	
9	9	9	

5 Pasha divided a number by 9. If the quotient was 6 with a remainder of 1, what was the dividend?

- (A) 59
- (B) 54
- (C) 57
- (D) 55

1 The table shows the population of three cities in Texas.

City	Population
Killeen	46,296
Baytown	56,923
McAllen	66,281

Which is the best estimate of how many more people live in McAllen than Killeen?

- Ⓐ 16,000 Ⓒ 26,000
 Ⓑ 20,000 Ⓓ 30,000

2 Michelle wants to buy as many tubes of lip balm that she can with \$18.25. If each tube of lip balm costs \$2.87 including tax, which is the best estimate of the number of tubes she can afford to buy?

- Ⓐ 3 Ⓑ 4 Ⓒ 6 Ⓓ 9

3 Mr. Keen used a tractor and trailer to transport 28 loads of hay from a field to his barn. Each load of hay weighed 825 pounds and took 19 minutes to transport. Which is the best estimate of the total weight of the hay that Mr. Keen transported?

- Ⓐ 28,000 lbs Ⓒ 16,000 lbs
 Ⓑ 600 lbs Ⓓ 24,000 lbs

4 Brandi sells roses at her flower store. Last week she sold 178 roses on Monday, 252 on Tuesday, 67 on Wednesday, 233 on Thursday, and 398 on Friday. If each of these numbers is rounded to the nearest ten, what is the estimated total number of roses Brandi sold at her flower store last week?

- Ⓐ 1,100 Ⓒ 1,130
 Ⓑ 1,150 Ⓓ 1,200

5 If Pablo jogs 1.9 to 3.3 miles each day, which is a reasonable estimate of the total number of miles he will jog in 20 days?

- Ⓐ 50 Ⓒ 80
 Ⓑ 70 Ⓓ 40

1 Gretchen poured 18 liters of water into an empty pitcher. After covering the opening of the pitcher with a screen, she placed the pitcher in direct sunlight for 8 hours a day for 5 days. She measured the amount of water in the pitcher at the end of the fifth day and found there was 14.76 liters of water in it. Which is the best estimate of the amount of water that evaporated from the pitcher after 5 days?

- Ⓐ 3 liters Ⓒ 13 liters
 Ⓑ 7 liters Ⓓ 15 liters

2 Samuel has to move 300 pounds of ice cubes from an ice machine to a drink cooler. He will carry the ice to the cooler in a bucket that can hold 28 pounds of ice at one time. Which is the best estimate of the number of trips Samuel will have to make from the ice machine to the cooler?

- Ⓐ 8 Ⓑ 10 Ⓒ 20 Ⓓ 30

3 The table shows the prices of three items that Pamela bought for lunch today.

Item	Price
Salad	\$7.95
Drink	\$1.35
Dessert	\$3.75

Which is the best estimate of the total cost of the three items?

- Ⓐ \$11 Ⓑ \$12 Ⓒ \$13 Ⓓ \$14

4 There are 31 days in the month of March and 30 days in the month of April. Each day in March and April, Diego will read 28 pages in a book or magazine. About how many pages of books and magazines will Diego read in March and April?

- Ⓐ 1,800 Ⓑ 900 Ⓒ 2,100 Ⓓ 600

5 If each number is rounded to the nearest hundred, what is the estimated difference of 9,673 and 4,099?

- Ⓐ 6,000 Ⓑ 5,500 Ⓒ 5,000 Ⓓ 5,600