

**Fast Focus™ — Standards 4.3 A & 4.3 B**

**P1**

1 Jonah has \$265. He wants to buy a video game system that costs \$199, a video game that costs \$49, and a wireless controller that costs \$19. Does Jonah have enough money to buy the three items?

- (A) Yes. The sum of the prices of the items is less than \$265.
- (B) Yes. The sum of the prices of the items is more than \$265.
- (C) No. The sum of the prices of the items is less than \$265.
- (D) No. The sum of the prices of the items is more than \$265.

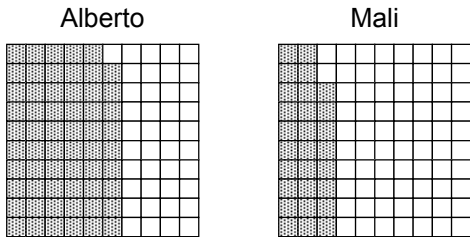
4.3A

2 Lin-Yao bought four items at a sporting goods store. She bought a cooler for \$69, a lantern for \$27, a set of cooking utensils for \$45, and a large tent. She spent a total of \$360 for the items. How much did she pay for the tent?

- (A) \$229
- (B) \$219
- (C) \$199
- (D) \$141

4.3A

3 Alberto has \$0.59 and Mali has \$0.28. Look at the models.



Which shows the difference between the two amounts of money?

- (A) \$0.31
- (B) \$0.41
- (C) \$0.77
- (D) \$0.87

4.3B

4 The highest mountain in the world is 29,029 feet. The second highest mountain is 28,251. How much higher, in feet, is the highest mountain than the second highest mountain?

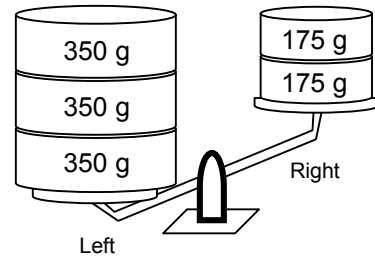
			.
(0)	(0)	(0)	
(1)	(1)	(1)	
(2)	(2)	(2)	
(3)	(3)	(3)	
(4)	(4)	(4)	
(5)	(5)	(5)	
(6)	(6)	(6)	
(7)	(7)	(7)	
(8)	(8)	(8)	
(9)	(9)	(9)	

4.3A

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**P2**

1 Yvonne placed weights on the balance scale as shown below.

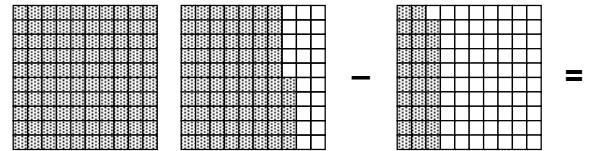


Yvonne wants both sides of the scale to balance. How many grams should she add to the right side so that each side has the same amount of weight?

- (A) 725
- (B) 700
- (C) 650
- (D) 350

4.3A

2 There were 1.75 liters of water in a pitcher when Benton placed it in direct sunlight at 9:00 A.M. At 4:00 P.M. he observed that 0.29 liters had evaporated.



How many liters of water remained in the pitcher at 4:00 P.M.?

- (A) 1.36
- (B) 1.42
- (C) 1.46
- (D) 1.48

4.3B

3 Crater Lake, the deepest lake in the United States, is 1,949 feet deep. Adams Lake, located in Canada, is 1,499 feet deep. How many feet deeper is Crater Lake than Adams Lake?

			.
(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)	

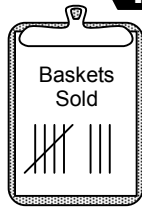
4.3A

4 Steven weighs 93 pounds and Dominic weighs 84 pounds. Riley weighs 110 pounds less than Steven and Dominic's weight combined. How much does Riley weigh?

- (A) 287 pounds
- (B) 203 pounds
- (C) 67 pounds
- (D) 77 pounds

4.3A

1 Denise sold baskets at a craft fair on Saturday. She wrote a tally mark on this clipboard every time she sold a basket. Denise sold each basket for the same amount of money and she earned a total of \$280. For how much money did she sell each basket?



- (A) \$35    (B) \$33    (C) 30    (D) \$8

2 A teacher and 4 of her students want to donate a total of 100 cans of food to a charity. The teacher will donate 40 cans herself. The students will donate the rest of the cans. If each student donates an equal number of cans, which pair of number sentences can be used to determine how many cans each student will donate?

- (A)  $100 + 40 = 140$     (C)  $100 - 4 = 96$   
 $140 \div 4 = 35$                        $96 \div 4 = 24$
- (B)  $100 - 40 = 60$             (D)  $40 + 4 = 44$   
 $60 \div 4 = 15$                        $44 \div 4 = 11$

3 Rodney collected 120 pounds of paper on Monday to recycle. He collected 90 pounds on Tuesday and 75 pounds on Wednesday. If he places the same number of pounds of paper in each of 5 boxes before taking them to a recycling center, how many pounds of paper will he place in each box?

			.
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 *Camp Doublecreek* has one raft that can hold 6 campers at one time. The campers will take turns riding the raft until every camper has had a turn. What is the least number of times the raft will be ridden if there are 102 campers?

			.
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	

1 Bernadette collected all of the eggs in the henhouse this morning. She placed the eggs in groups of 4 and there were none left over. Which could be the total number of eggs that Bernadette collected this morning?

- (A) 19    (B) 26    (C) 28    (D) 30

2 Lamar squeezed some lemons to produce 32 ounces of lemon juice. He poured 16 ounces of the juice into a container and placed it in a freezer. He divided the rest of the juice equally among 8 different lemonade glasses. How many ounces of juice did he pour into each glass?

			.
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 A group of 168 students, 8 teachers, and 12 parent helpers are going on a trip to a planetarium. The teachers want to divide the students into 7 groups of the same size. How many students will be in each group?

			.
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 Three boys held a bake sale last Sunday. The table below shows how much money each boy received from their customers.

Elijah	Chen	Emilio
\$20	\$24	\$16

If they divided all of the money they earned equally, how much money did Chen receive?

- (A) \$8, because  $24 \div 3 = 8$ .  
 (B) \$24, because  $24 \div 1 = 24$ .  
 (C) \$15, because  $60 \div 4 = 15$ .  
 (D) \$20, because  $60 \div 3 = 20$ .

1 The table shows the number of boats that are needed to carry different numbers of people.

Number of People	Number of Boats
36	6
48	8
60	10

Which shows how to find the number of boats that are needed to carry 72 people?

- (A) Multiply 72 by 6
- (B) Add 72 to 6
- (C) Divide 72 by 6
- (D) Subtract 6 from 72

2 The number of bottles that Mr. Ortiz puts in a cooler is related to the number of cans.

Number of bottles	15	25	32
Number of cans	25	35	42

Which correctly describes the relationship in the table?

- (A) The number of cans equals the number of bottles multiplied by 3.
- (B) The number of cans equals the number of bottles plus 10.
- (C) The number of cans equals the number of bottles divided by 5.
- (D) The number of cans equals the number of bottles minus 15.

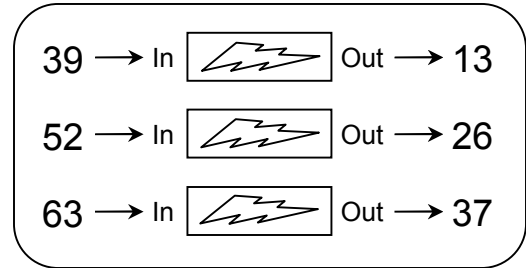
3 The table shows the number of drums in different numbers of drum kits.

Number of Kits	Number of Drums
8	40
13	65
17	85

Which shows how to find the number of drums in 20 drum kits?

- (A)  $20 + 20 = \square$
- (B)  $20 - 5 = \square$
- (C)  $20 \div 5 = \square$
- (D)  $20 \times 5 = \square$

1 The *math machine* below changes entered numbers according to a rule.



Based on the examples above, what does the *math machine* do to a number that is entered?

- (A) It subtracts 26 from the entered number.
- (B) It divides the entered number by 3.
- (C) It subtracts 27 from the entered number.
- (D) It divides the entered number by 2.

2 The table shows the number of buttons on different numbers of cell phones.

Phones	Buttons
3	45
6	90
9	135

Which describes the relationship in the table?

- (A) Phones  $\times$  45 = number of buttons
- (B) Phones  $\times$  15 = number of buttons
- (C) Phones + 45 = number of buttons
- (D) Phones + 15 = number of buttons

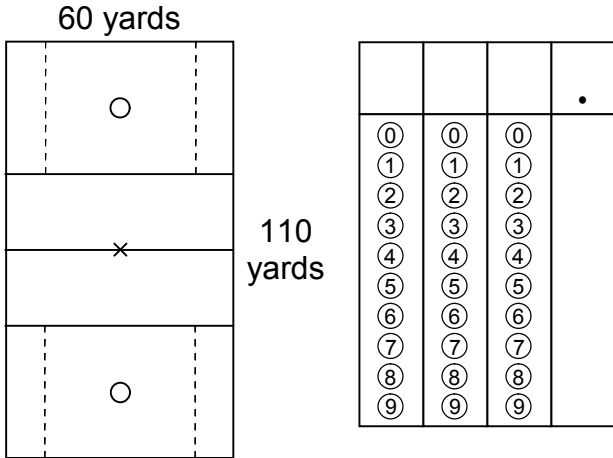
3 The table shows the number of corsages that Darla makes with different numbers of roses.

Roses	Corsages

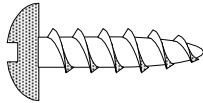
Which shows how to find the number of corsages that Darla can make with 36 roses?

- (A) Multiply 12 by 3
- (B) Multiply 12 by 4
- (C) Divide 36 by 3
- (D) Divide 36 by 4

1 A model of a lacrosse field is shown below. What is the perimeter of the field in yards?



2 Mr. Ramos is going to weigh a screw.



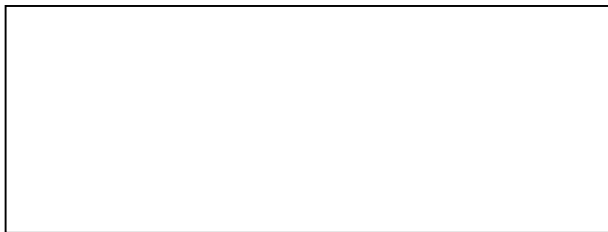
Which is the best estimate of the weight of a screw?

- (A)  $\frac{1}{2}$  pound
- (B)  $\frac{1}{2}$  ounce
- (C)  $\frac{1}{2}$  ton
- (D)  $\frac{1}{2}$  kilogram

3 Latanya and Pamela saw an adult giraffe at the zoo yesterday. Which best describes the height of an adult giraffe?

- (A) 4 to 6 meters
- (B) 4 to 6 feet
- (C) 4 to 6 kilometers
- (D) 4 to 6 miles

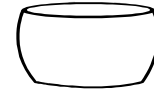
4 Use a ruler to measure the dimensions of the figure below to the nearest centimeter.



What is the area of the figure in square centimeters?

- (A) 18
- (B) 32
- (C) 24
- (D) 20

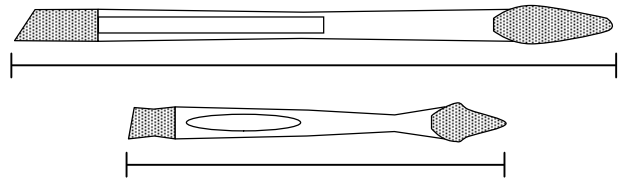
1 This morning, Benjamin filled a bowl with milk and cereal.



Which best describes the capacity or volume of a bowl of milk and cereal?

- (A) 1 ounce
- (B) 1 milliliter
- (C) 1 gallon
- (D) 1 liter

2 Use a ruler to measure the length of each stylus to the nearest centimeter.



Which statement is true?

- (A) The difference between the lengths is 3 centimeters.
- (B) The combined length of the styluses is 12 centimeters.
- (C) The difference between the lengths is 5 centimeters.
- (D) The combined length of the styluses is 11 centimeters.

3 Whitney packed a sandwich, apple, and juice box into a paper sack. Which is the best estimate of the combined mass of the items?

- (A) 100 ounces
- (B) 1 kilogram
- (C) 10 grams
- (D) 10 meters

4 Timothy has a blue sheet of paper that is 12 cm long and 8 cm wide. He has a red sheet of paper that is 11 cm long and 9 cm wide. Which statement is NOT true?

- (A) The area of the blue sheet is 96 cm.
- (B) The area of the red sheet is 96 cm.
- (C) The perimeter of the blue sheet is 40 cm.
- (D) The perimeter of the red sheet is 40 cm.