

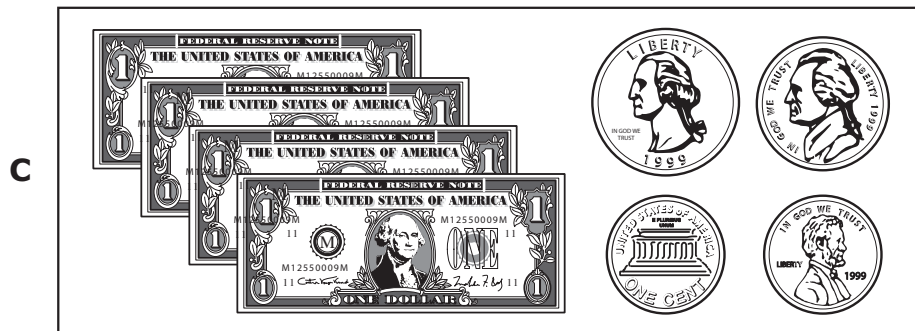
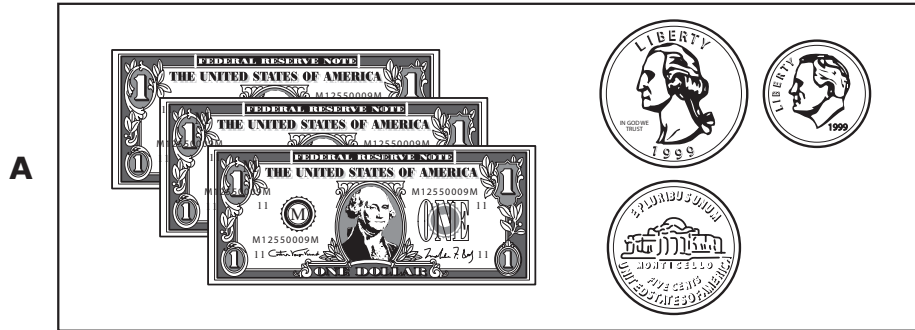
MATHEMATICS

Grade 4

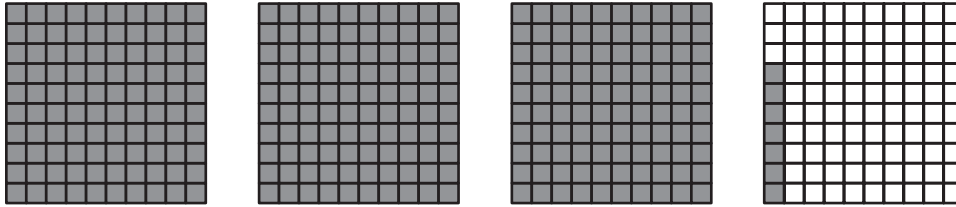
2011 Released Test Questions

These released questions represent selected TEKS student expectations for each reporting category. These questions are samples only and do not represent all the student expectations eligible for assessment.

- 1 Look at the amounts of money shown below. In which amount of money does the digit 4 represent four cents?



- 2 The model below is shaded to represent $3\frac{7}{100}$.



Which decimal does the model represent?

- A** 3.007
- B** 3.7
- C** 3.07
- D** 0.37
-
- 3 During one basketball game, Sarah's team scored 11 baskets worth 2 points each and 3 baskets worth 1 point each. Daniel's team scored 8 baskets worth 2 points each and 10 baskets worth 1 point each. What was the final score?
- A** Sarah's team: 25 points
Daniel's team: 16 points
- B** Sarah's team: 25 points
Daniel's team: 26 points
- C** Sarah's team: 22 points
Daniel's team: 16 points
- D** Sarah's team: 22 points
Daniel's team: 26 points

- 4 Maricella buys 75 tickets at a carnival. She keeps 35 tickets for herself and gives the remaining tickets to her 2 sisters. If each of Maricella's sisters gets the same number of tickets, how many tickets does each sister get?
- A 40
 - B 20
 - C 55
 - D Not here

-
- 5 The numbers below follow a pattern.

70 700 7,000 70,000 _____

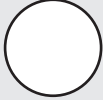

Which expression shows one way to find the next number in this pattern?

- A 7×10
- B 7×100
- C $70,000 \times 10$
- D $70,000 \times 100$



6 Which table best represents the relationship below?

$$\bigcirc \div 12 = \square$$



A

	
84	96
60	72
36	48
12	24



C

	
1	12
3	36
5	60
7	84

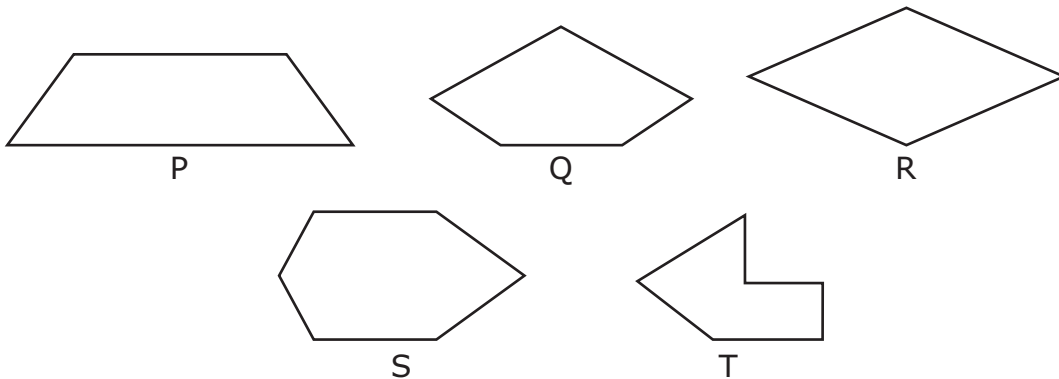
B

	
84	7
60	5
36	3
12	1

D

	
96	48
84	36
72	24
60	12

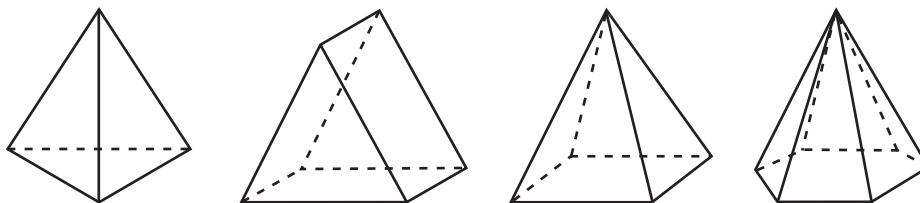
7 Look at the figures below.



Which of the following lists all the figures that appear to have at least 2 acute angles?

- A P, Q, and R
- B P, Q, R, and T
- C Q, R, S, and T
- D P, Q, R, S, and T

8 Look at the figures below.

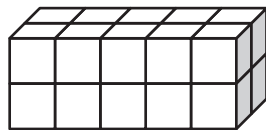


Which statement is true about these figures?

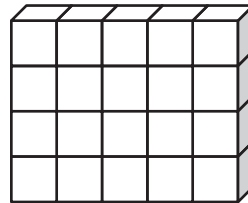
- A They each have at least 1 triangular face.
- B They are all pyramids.
- C They each have an equal number of vertices and faces.
- D They are all prisms.

- 9 A polygon has a perimeter of 20 inches. Each side is exactly 4 inches long. Which of the following figures does this describe?
- A Triangle
 - B Square
 - C Pentagon
 - D Hexagon

-
- 10 Both of the models below are made of 1-inch cubes.



Model S

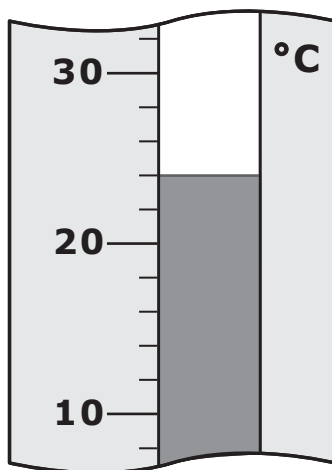


Model T

Which statement about these models is true?

- A The volume of Model S and Model T combined is 30 cubic inches.
- B Model T has a greater volume than Model S.
- C The volume of Model S and Model T combined is 53 cubic inches.
- D Model S and Model T have the same volume.











- 11** The thermometer below shows the low temperature in Lubbock, Texas, on a winter night.



The low temperature in Chicago, Illinois, on the same day was 18°C cooler. What was the temperature in Chicago?

- A** 42°C
- B** 4°C
- C** 14°C
- D** 6°C

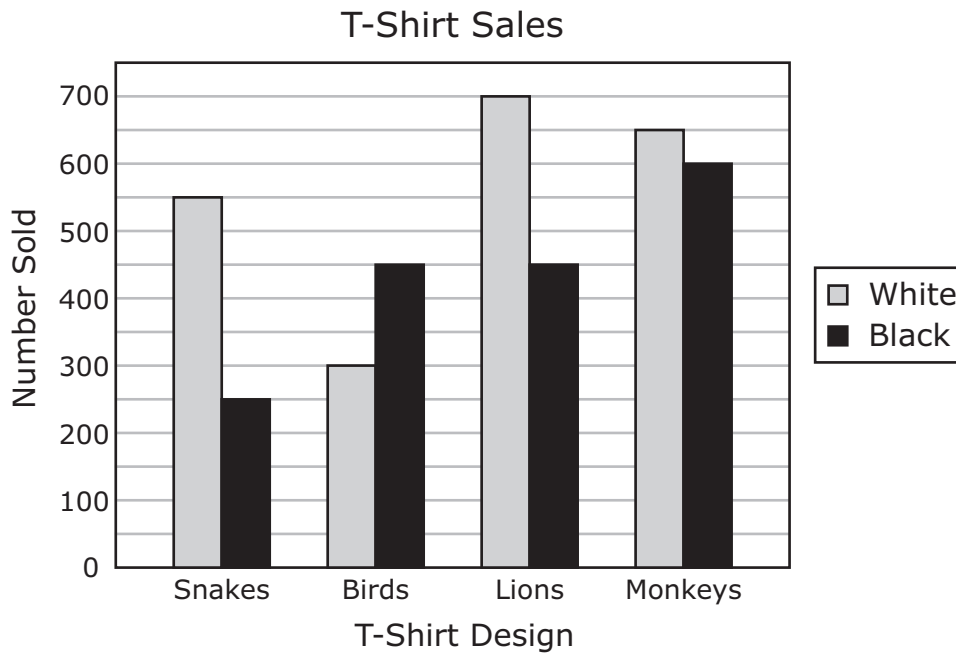
12 The pictures below show the choices for a lunch special at a restaurant.

Sandwiches	Side Orders	Drinks
 Chicken sandwich	 French fries	 Soda
 Turkey sandwich	 Onion rings	 Milk
 Hamburger	 Soup	 Lemonade
		 Water

How many combinations of 1 sandwich, 1 side order, and 1 drink are possible for the lunch special at this restaurant?

- A 10
- B 12
- C 36
- D 27

- 13** The graph below shows the number of different kinds of T-shirts that were sold at the zoo last year.



According to the graph, about how many more white T-shirts were sold last year than black T-shirts?

- A** 200
- B** 450
- C** 3,950
- D** 2,200

Item Number	Reporting Category	Readiness or Supporting	Content Student Expectation	Process Student Expectation	Correct Answer
1	1	Readiness	4.1(B)	4.14(A)	B
2	1	Readiness	4.2(D)		C
3	1	Readiness	4.4(D)	4.14(B)	B
4	1	Readiness	4.4(E)	4.14(B)	B
5	2	Supporting	4.6(B)	4.16(A)	C
6	2	Readiness	4.7(A)	4.15(B)	B
7	3	Supporting	4.8(A)		B
8	3	Readiness	4.8(C)	4.16(A)	A
9	4	Readiness	4.11(A)	4.14(C)	C
10	4	Supporting	4.11(C)	4.14(B)	D
11	4	Supporting	4.12(A)	4.14(A)	D
12	5	Supporting	4.13(A)	4.14(C)	C
13	5	Readiness	4.13(B)	4.14(B)	B

For more information about the new STAAR assessments, go to www.tea.state.tx.us/student.assessment/staar/.