

TEKS/TAKS SPIRALED PRACTICE 9

Grade 6

1. Which of the following includes only multiples of 12?

- A 12, 24, 36, 47
- B 6, 12, 24, 30
- C 12, 36, 60, 96
- D 24, 48, 54, 60

2. Mr. Valentino works at the local hardware store. He works 8 hours a day for six days each week. His salary is \$11 per hour. Which equation could be used to find his earnings, E , for one week?

- F $E = 11 \times (6 + 8)$
- G $E = 11 + (6 \times 8)$
- H $E = 11 \times (6 \times 8)$
- J $E = (11 \times 6) \div 8$

3. Which of the following sets of angle measures contains one acute, one obtuse and one right angle measure?

- A $97^\circ, 90^\circ, 94^\circ$
- B $53^\circ, 90^\circ, 120^\circ$
- C $47^\circ, 78^\circ, 88^\circ$
- D $90^\circ, 135^\circ, 176^\circ$

TEKS/TAKS SPIRALED PRACTICE 10
Grade 6

1. An aquarium contained 5.6 gallons of water. The science class added water until it contained 8.4 gallons. How many gallons of water did they add?

- A 14 gallons
- B 3.2 gallons
- C 2.8 gallons
- D 2.2 gallons

2. At the movie theatre, David played the video games while he waited on his ride home. The chart shows his scores.

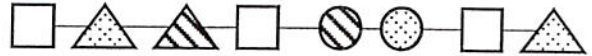
David's Scores

Game	Score
1	63,700
2	89,100
3	12,500
4	28,900

How many more points did David score in his highest scoring game than his lowest scoring game?

- F 25,400
- G 55,200
- H 60,200
- J 76,600

3. Jimmy is making a pattern. He shows his friend the following piece of his pattern.



He then asks his friend to choose a section that he would find somewhere in the pattern. Which of the following should his friend choose?

- A
- B
- C
- D

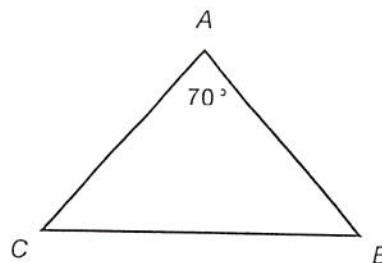
TEKS/TAKS SPIRALED PRACTICE 11

Grade 6

1. Mr. Littleton, an electrician, had a roll of wire with 200 feet of wire. He used $12\frac{7}{8}$ feet to repair one light, $10\frac{3}{4}$ feet to repair a ceiling fan, and $12\frac{1}{2}$ feet to repair a doorbell. Which expression can be used to find the amount of wire remaining on the roll?

- A $12\frac{7}{8} + 10\frac{3}{4} + 12\frac{1}{2}$
- B $12\frac{7}{8} + 10\frac{3}{4} + 12\frac{1}{2} - 200$
- C $200 - (12\frac{7}{8} + 10\frac{3}{4} + 12\frac{1}{2})$
- D $200 - 12\frac{7}{8} + 10\frac{3}{4} + 12\frac{1}{2}$

2. Triangle ABC is an isosceles triangle with congruent sides AB and AC . The vertex angle measures 70° .



What is the measure of each of the base angles?

- F 110°
- G 65°
- H 55°
- J 45°

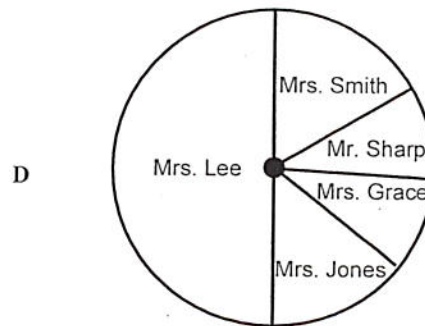
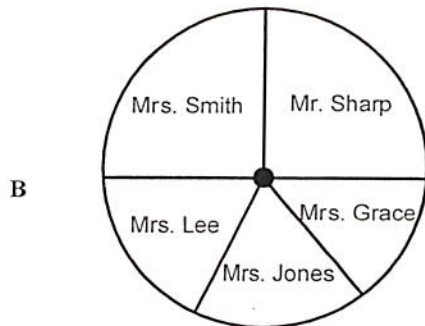
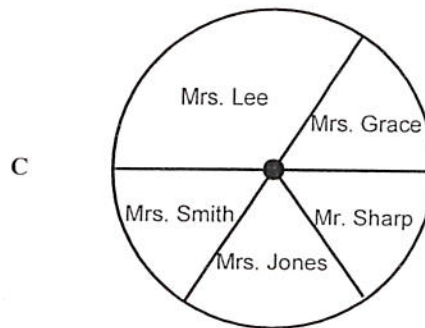
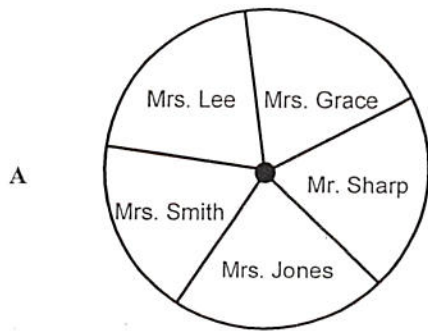
TEKS/TAKS SPIRALED PRACTICE 11
Grade 6

3. The sixth grade classes at Tyler Middle School collected canned goods for the needy. The number of cans each of the five classes collected is given below.

Canned Goods

Class	Number of Cans
Mrs. Grace	100
Mr. Sharp	100
Mrs. Jones	100
Mrs. Lee	200
Mrs. Smith	100

Which graph best represents the same information as the chart?



TEKS/TAKS SPIRALED PRACTICE 12

Grade 6

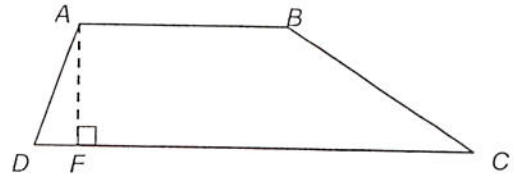
1. The lengths of the sides of several triangles and their perimeters are shown in the table.

Side a	Side b	Side c	Perimeter
4	3	5	12
5	6	6	17
6	6	10	22
8	10	12	30
a	b	c	?

Which expression can be used to find the perimeter of the triangle with side lengths a , b , and c ?

- A $2b + a$
 - B $(a + b + c) \div 2$
 - C $a + b + c$
 - D $a \times b \times c$
2. A cookie recipe called for 4.5 ounces of chocolate. Mrs. Smith decided to add an extra 1.5 ounces of chocolate. How much chocolate did she use in the cookies?
- F 3 ounces
 - G 5 ounces
 - H 6 ounces
 - J 7 ounces

3. If $AB = 20$ and $AF = 15$, what other information is needed to find the other base DC of the trapezoid?



- A The perimeter of trapezoid $ABCD$.
- B The length of leg BC
- C The area of triangle ADF
- D The area of the trapezoid $ABCD$

