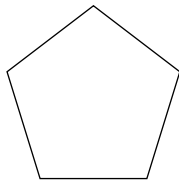


1. Name each figure and draw all lines of symmetry for each - if possible.

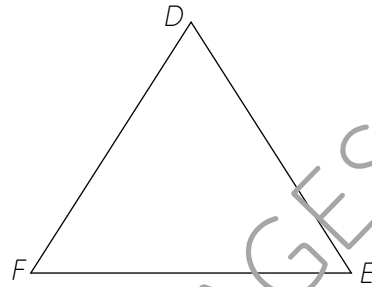


Name: _____



Name: _____

2. All triangles have two acute angles. The third angle is used to classify a triangle. Triangle DEF is shown below. Label two acute angles.



Based on the third angle, what type of triangle is triangle DEF ?

Solution: _____

TEKS 4.6B

TEKS 4.6C

3. Aaron runs marathons. While training he consumes many calories. The table summarizes the number of calories Aaron ate during the week.

Aaron's Calorie Intake

Day of the Week	Total Calories
Monday	5,642
Tuesday	5,398
Wednesday	5,807
Thursday	5,021
Friday	6,492

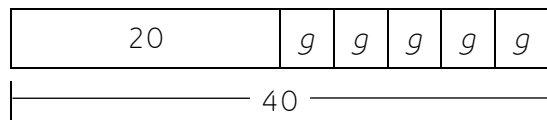
Round each amount to the nearest thousand, and then *estimate* the total number of calories Aaron ate during this 5-day period.

Aaron consumed about _____ calories.

TEKS 4.4G

4. The art teacher had a total of 40 bottles of glue. Students used half of the bottles of glue last week. Students will use the remaining bottles of glue during the next 5 days. They will use the same number of bottles of glue each day.

Use the strip diagram to find g , the number of bottles of glue the students will use during each of the next 5 days.



$g =$ _____

The students will use _____ bottles of glue during each of the next 5 days.

TEKS 4.5A

1. The table shows the number of years and the equivalent number of weeks.

Years-to-Weeks Conversions

Number of Years	Number of Weeks
$\frac{1}{2}$	26
2	104
5	260

How many years are equivalent to 520 weeks?

Solution: _____

TEKS 4.8B

2. The table below shows the relationship between the amount of sugar Chef Maxim uses and the number of cakes made.

Chef Maxim's Cakes

Cups of Sugar, s	Process (Rule)	Number of Cakes, c
6		3
8		4
12		6
18		9

Write the mathematical rule identified in the process column.

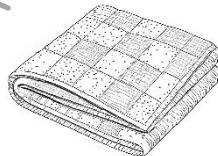
Rule: _____



TEKS 4.5A

3. Sonia makes quilts to sell. She bought 450 yards of material. Each quilt requires 5 yards of material.

How many quilts will Sonia be able to make if she uses all the material she bought?



Solution: _____

TEKS 4.4F

4. A deposit bag contains only \$5 bills. The total value of the \$5 bills is \$1,825. Write an equation that can be used to find n , the number of \$5 bills in the deposit bag.

Equation

$n =$ _____

There are _____ \$5 bills in the deposit bag.

TEKS 4.4E

1. A rectangle has a width of 8 units and an area of 144 square units.

What are the length and perimeter of the rectangle?

Use the choices in the bank to complete the sentences. Each choice may be used more than once. Not all answers will be used.

- 48 18 36 52 34

- The length is units.
- The perimeter is units.

TEKS 4.5D

2. Chris bought a fishing lure for \$8.59 and some fishing line for \$3.89. He saves \$0.75 by using a coupon.

What is the total cost after Chris uses the coupon?

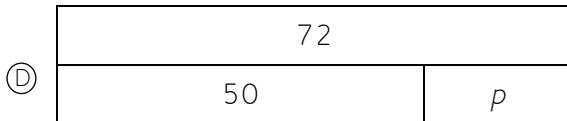
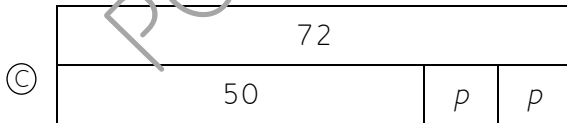
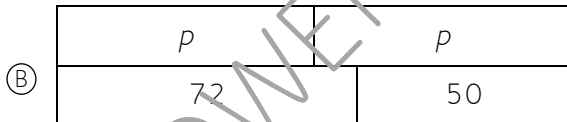
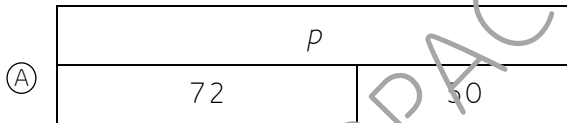
Enter your answer in the box.



TEKS 4.4A

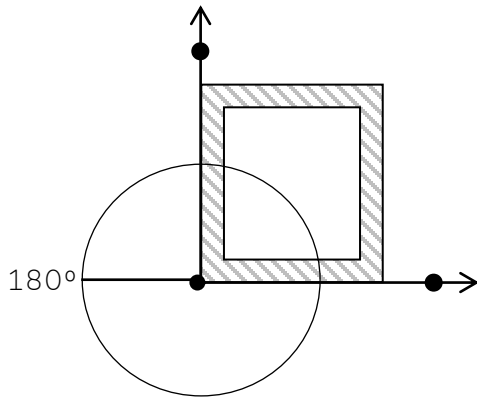
3. Elizabeth and Atticus buy 72 peaches. They use 50 peaches to make cobblers for a bake sale. They split the remaining peaches evenly between the two of them.

Which strip diagram represents the number of peaches, p , that Elizabeth and Atticus each have?



TEKS 4.5A

1. Clarissa bought a picture frame for a family photo.



Classify the angle made by the corner of the frame and estimate the measure of the angle.

Type of Angle	Measure of Angle

TEKS 4.7A

TEKS 4.7B

3. The table below shows a relationship between the input numbers and the output numbers.

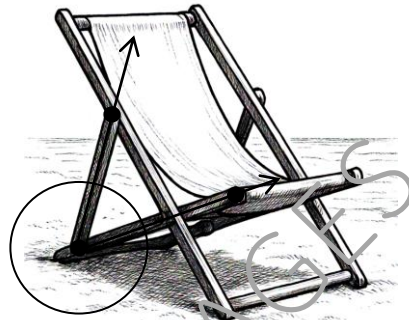
Input	Output
1	354
2	355
3	356
4	357

Write the rule that defines the relationship.

Rule: _____

TEKS 4.5B

2. Estimate the measure of the angle formed by the boards on the chair, and write the angle estimate as a fraction.



Measure of Angle	Fraction; $\frac{n}{360}$

4. Wilbur works at a car dealership.

- He works 25 hours each week during the summer.
- He worked a total of 9 weeks and earned \$15 an hour.

How much money did Wilber earn in all?

Solution: _____

TEKS 4.4H

1. Use a protractor to construct an angle that measures 157° . Use the ray as the angle base.



2. A bakery sold donuts to Roger.

- Roger gave $\frac{6}{12}$ of the donuts to his friends.
- Roger gave $\frac{2}{12}$ of the donuts to his neighbor.

Mark each statement as True or False.

	True	False
Between $\frac{1}{2}$ and $\frac{3}{4}$ of the donuts are left.		
Less than $\frac{1}{4}$ of the donuts are left.		
Between $\frac{1}{4}$ and $\frac{1}{2}$ of the donuts are left.		

TEKS 4.7D

TEKS 4.3F

3. There are about 5,000 animal shelters nationwide. Rhonda's survey represents the number of animals that were adopted from 21 different animal shelters in Texas.

128	116	113	144	149	138	106
134	125	117	107	125	122	133
140	139	123	142	134	119	105

Complete the frequency table and complete the stem-and-leaf plot to represent the data.

Number of Adoptions	Tally	Frequency
100 - 109		
110 - 119		
120 - 129		
130 - 139		
140 - 149		

Stem	Leaf
10	
11	
12	
13	
14	

Key: 12|5 means 125 animals

TEKS 4.9A

4. What is the difference in the greatest and least number of animal adoptions represented on the stem-and-leaf plot?

Solution: _____

TEKS 4.9B

1. The number of push-ups that different students completed are shown in the frequency table.

Number of Push-ups Completed

Number of Push-ups	Number of Students
1 - 10	
11 - 20	
21 - 30	
31 - 40	

Which set of data could the frequency table represent?

- (A) 2 4 5 5 5 8 10 10 11 17 22 24 27 29 29 38
- (B) 2 4 5 5 5 8 10 11 11 17 22 24 27 29 29 38
- (C) 2 4 5 5 5 8 10 11 11 17 22 24 27 29 31 38
- (D) 0 4 5 5 5 8 10 11 11 17 22 24 27 29 29 38

TEKS 4.9A

2. Elsa makes tortillas every morning.

- She uses $\frac{3}{8}$ of the tortillas to make breakfast tacos.
- She puts $\frac{2}{8}$ of the tortillas in her husband’s lunchbox.

Which statement is true about the fraction of tortillas Elsa has left?

- (A) More than $\frac{3}{4}$ of the tortillas are left.
- (B) Between $\frac{1}{2}$ and $\frac{3}{4}$ of the tortillas are left.
- (C) Between $\frac{1}{4}$ and $\frac{1}{2}$ of the tortillas are left.
- (D) Less than $\frac{1}{4}$ of the tortillas are left.

TEKS 4.3F

3. Which of these statements is **NOT** true?

- (A) A bank is a financial institution.
- (B) A bank holds a customer’s money in a checking or savings account.
- (C) A bank lends money to people and adds interest to what must be paid back.
- (D) A bank account cannot be opened until a person is 18 years old.



TEKS 4.10E