

Imagine printing a complete TAKS test on just 3 pages! Countdown makes it possible!

# ★ Anatomy of a Third Grade Countdown! ★

Countdown to the Math TAKS™ closely matches a real TAKS test. Every teacher knows that a full-length test is the most authentic, informative way for students to practice for the TAKS!



Most of the released tests on the TEA website are now obsolete! Remain fully relevant with Countdown!

**Hot Tip!**

Check each page with the students, individually or as a class. Do this every time to insure that every student understands the concepts. It only takes a few minutes, but it is powerful!

**TAKS Objective**

Need additional practice on a particular objective? Check out *Fast Focus* and *Numeracy Power-Up!*

Test 6 Countdown to the Math TAKS™ Grade 3 Page 2

1 Which sign has a line of symmetry?  

 3.9C

2 Which point best represents 63 on the number line?  

 3.10A

3 The table below shows the number of sandwiches in a basket.  

Type	Number
Tuna	9
Ham	15
Cheese	12

 How many tuna sandwiches and cheese sandwiches are in the basket?  

 3.3B

4 Use a ruler to measure the line segment under the dropper in inches.  

 What is the length of the dropper in inches?  
 (A) 4 (B) 4 1/2 (C) 5 (D) 5 1/2 3.11A

5 At the store, packs of chewing gum are sold in groups of 3.  

 If Siobhan counts the packs in groups of 3, which list shows numbers she could name?  
 (A) 3, 6, 11, 13 (B) 4, 9, 10, 12  
 (C) 6, 12, 14, 16 (D) 6, 9, 15, 18 3.6B

6 What fraction of the white envelopes is closed?  

 (A) 5/5 (B) 4/9  
 (C) 9/4 (D) 4/5 3.2C

7 Three football games were played last Friday night. The final scores of the games are shown in the tables below.  

Game 1		Game 2		Game 3	
Team	Score	Team	Score	Team	Score
Eagle	21	Bulls	17	Shark	42
Pirate	27	Stars	21	Cows	27

 Which statement about the final scores is NOT true?  
 (A) The Stars scored 4 more points than the Bulls  
 (B) The Pirates scored fewer points than the Eagles  
 (C) The Sharks scored more points than the Cows  
 (D) The Eagles and the Stars scored the same number of points 3.15B

8 What temperature is shown on the thermometer?  

 (A) 30° (B) 32°  
 (C) 44° (D) 48° 3.12A

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**10 Complete Tests**  
 Work 1 page a day as a math warm-up during the 10 weeks preceding the TAKS! Eliminate problem areas with *Fast Focus* and *Numeracy Power-Up!*

**Hot Tip!**

Incentivize! Give out a small sticker (or similar reward) to each student that misses zero, one, or two problems per page. It works wonders!

**Condensed Graphics**

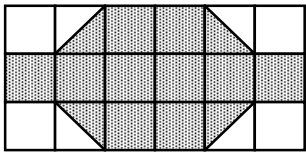
Condensed graphics reduce the number of pages required to photocopy without sacrificing any information.

Start preparing for the TAKS early next year with *America Math Lone Star Edition!* Lone Star is the most comprehensive TEKS-based math warm-up in Texas. If you like *Countdown*, you'll love *America Math Lone Star!*

Check out *Numeracy Power-Ups* and *Fast Focus!* They work in conjunction with *Countdown* for maximum impact!



1 Ms. Romero made a quilt.



If each square equals 1 square foot, what is the area of the shaded part of the quilt?

- (A) 6 square feet
- (B) 12 square feet
- (C) 14 square feet
- (D) 18 square feet

3.11C

3.7A

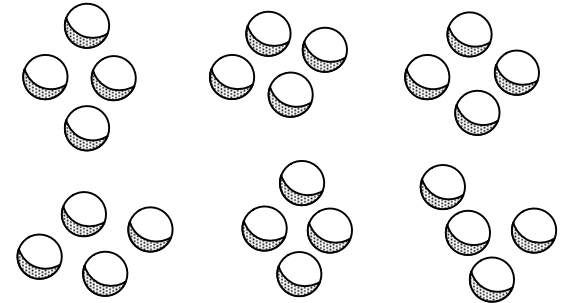
2 Carla gets \$2 for every 5 chores she completes on the weekend. How much money will she get if she completes 20 chores?

- (A) \$8
- (B) \$7
- (C) \$40
- (D) \$10

3.14C

3.1A

3 Julian opened a package of ping pong balls. He grouped them on the floor as shown below.



Which number sentence could be used to find the total number of ping pong balls?

- (A)  $6 + 4 = \square$
- (B)  $6 \div 4 = \square$
- (C)  $6 \times 4 = \square$
- (D)  $6 - 4 = \square$

3.6B

4 Pedro has 14 baseball cards. Nicholas has half as many baseball cards as Pedro. Cruz has 3 more baseball cards than Nicholas. How many baseball cards does each boy have?

- (A) Pedro has 14, Nicholas has 10, Cruz has 7
- (B) Pedro has 14, Nicholas has 28, Cruz has 31
- (C) Pedro has 14, Nicholas has 7, Cruz has 10
- (D) Pedro has 14, Nicholas has 6, Cruz has 9

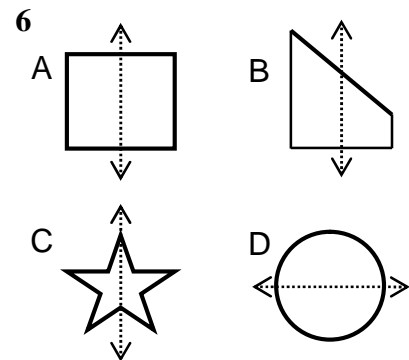
3.14C

5 Alejandro wrote one hundred thirty-five thousand, five hundred twenty-one on his paper.

Which numeral below did Alejandro write?

- (A) 135,512
- (B) 135,521
- (C) 35,521
- (D) 135,125

3.1A



Which figure does **NOT** show a line of symmetry?

- (A) Figure A
- (B) Figure B
- (C) Figure C
- (D) Figure D

3.9C

7 The table shows the number of butterflies in Stacy's butterfly collection.

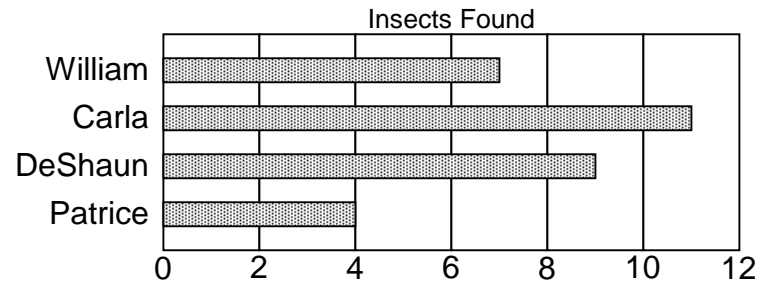
Type of butterfly	Number of butterflies
Monarch	12
Buckeye	31
Swallowtail	28

Which number sentence shows the best way for Stacy to estimate how many butterflies she has?

- (A)  $10 + 30 + 20$
- (B)  $10 + 30 + 30$
- (C)  $20 + 30 + 30$
- (D)  $10 + 40 + 30$

3.5A

8 The bar graph shows how many insects 4 students found on a recent trip.



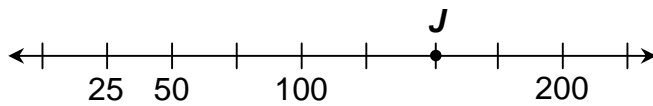
Which data table below matches the data from the bar graph?

(A)		(B)		(C)		(D)	
William	6	William	7	William	7	William	7
Carla	11	Carla	11	Carla	12	Carla	11
DeShaun	9	DeShaun	8	DeShaun	9	DeShaun	9
Patrice	4	Patrice	4	Patrice	4	Patrice	4

3.13A



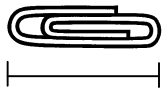
1 What number does point *J* represent on the number line below?



- (A) 102 (B) 125 (C) 150 (D) 175

3.10A

4 Use a ruler to measure the line segment under the clip in centimeters.



What is the length of the clip in centimeters?

- (A) 1 (B) 2 (C) 3 (D) 4

3.11A

6 Mrs. Chavez bakes cookies for her grandchildren. Every batch of cookies requires 4 eggs.

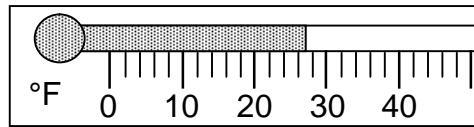
Eggs Required	Batches of Cookies
8	2
12	3
20	5

If Mrs. Chavez bakes 6 batches of cookies, how many eggs will she need?

- (A) 24 eggs (B) 12 eggs  
(C) 16 eggs (D) 20 eggs

3.6B

2 The thermometer shows the temperature at 7:30 A.M.



- (A) 33° F  
(B) 23° F  
(C) 28° F  
(D) 27° F

What temperature does the thermometer indicate?

3.12A

5 William drew four quadrilaterals and labeled them W, X, Y and Z.

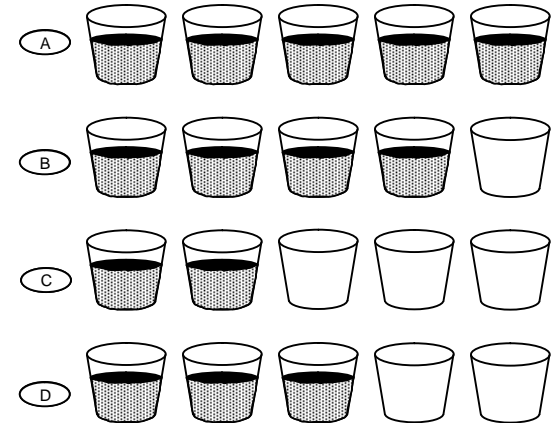


Which two figures appear to be congruent?

- (A) W and Y (B) Y and Z  
(C) X and Z (D) W and X

3.9A

3 Eduardo has five plastic cups. Which picture shows liquid in less than  $\frac{3}{5}$  of the cups?



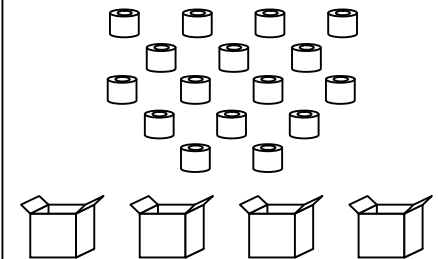
3.2B

7 In order to solve a word problem, Lucas had to multiply \$4 by 2 and then add the amount to \$5. Which word problem below can be described by the equation  $4 \times 2 + 5$ ?

- (A) Mr. Bostick bought a hamburger that cost \$5 and a milkshake that cost \$4. How much did Mr. Bostick pay for the hamburger and milkshake?  
(B) Mr. Bostick took his 2 sons to the zoo. Mr. Bostick's ticket cost \$5. His sons' tickets cost \$4 each. How much did the tickets cost altogether?  
(C) Mr. Bostick sold Mr. Reyes a rake for \$4 and 2 small shovels for \$5 each. How much did Mr. Reyes pay Mr. Bostick for the rake and shovels?  
(D) Mr. Bostick pays his son \$5 for mowing the lawn and \$4 for weeding the garden. If his son mows the lawn once and weeds the garden once, how much will he pay his son?

3.15B

8 Julia wants to place 16 beads into 4 containers. She wants to put the same number of beads in each container.



Which number sentence shows how many beads she will place in each container?

- (A)  $16 + 4 = 20$   
(B)  $16 - 4 = 12$   
(C)  $16 \div 4 = 4$   
(D)  $16 + 16 = 32$

3.4C



1 Bernice went to the park to do some bird watching. She saw 40 birds altogether. She observed 13 birds by the pond and 21 birds by the fountain. The rest of the birds were perched in the trees. Which number sentence could be used to find the number of birds in the trees?

- (A)  $40 + 13 + 21$
- (B)  $40 - 13 - 21$
- (C)  $40 \times 13 - 21$
- (D)  $40 \div 13 - 21$

3.3A

2 Katiana bought a package of candy.

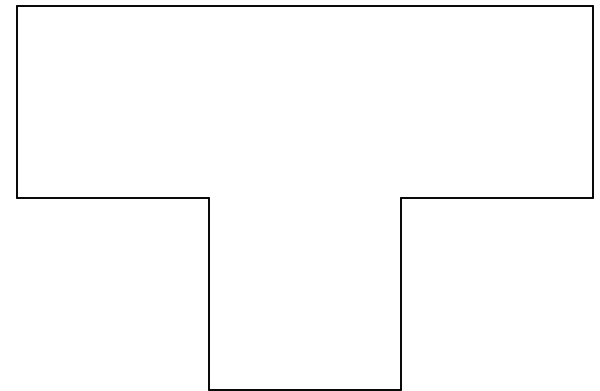


What three-dimensional figure describes the package of candy?

- (A) Square prism
- (B) Triangular prism
- (C) Cylinder
- (D) Pyramid

3.8A

3 Enrique cut out the figure below from a piece of construction paper.



Use a ruler to measure the perimeter of the figure to the nearest inch.

- (A) 7 in.
- (B) 8 in.
- (C) 9 in.
- (D) 10 in.

3.11B

4 Patrice's phone number is 555-6732. What is the largest 4-digit number that can be made with the last 4 digits in Patrice's phone number?



- (A) 6,732
- (B) 7,326
- (C) 7,632
- (D) 7,653

3.14C

5 What number makes the equation true?

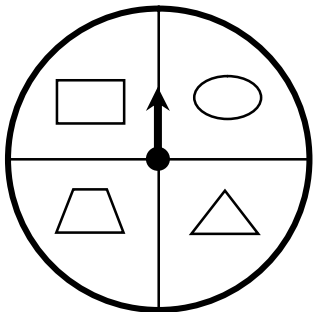
$$\square \times 7 = 56$$

- (A) 6
- (B) 7
- (C) 8
- (D) 9

3.6C

6 Emmitt made a game spinner with 4 equal sections. He spun it 20 times and recorded the results in a table.

Which table shows the most likely outcome of 20 spins?



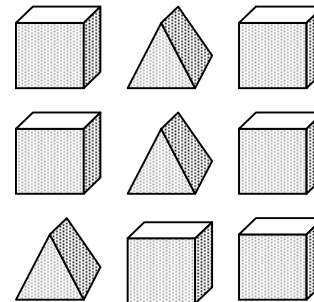
(A)		(B)	
Figure	Spin Results	Figure	Spin Results

(C)		(D)	
Figure	Spin Results	Figure	Spin Results

3.13C

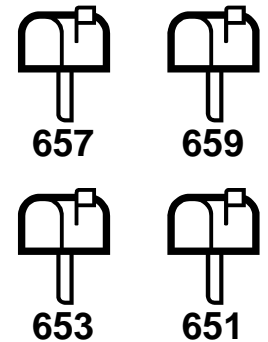
7 What fraction of the objects is cubes?



- (A)  $\frac{3}{9}$
- (B)  $\frac{5}{9}$
- (C)  $\frac{3}{6}$
- (D)  $\frac{6}{9}$

3.2C

8 Mr. Petsche delivers mail to four different houses on Beech Street.



Which statement about the house numbers is true?

- (A) They are all even numbers
- (B) They are all greater than 655
- (C) They are all odd numbers
- (D) They are all less than 658

3.16A



1 Gilbert keeps 7 boxes of model cars under his bed. Each box contains 8 model cars. He keeps another box of 10 model airplanes in his closet. How many model cars does Gilbert keep under his bed?

- (A) 56 cars
- (B) 66 cars
- (C) 70 cars
- (D) 80 cars

3.4B

2 Cristina has a bag full of plastic jewels. The bag has 17 rubies, 12 emeralds, 18 sapphires, and 16 diamonds. If she pulls 1 jewel out of the bag without looking, what type of jewel is she least likely to pull out?

- (A) Sapphire
- (B) Diamond
- (C) Ruby
- (D) Emerald

3.13C

6 Jackson is making tile mosaics. He uses the same number of tiles on each mosaic. The table below shows the number of tiles he needs for different numbers of mosaics.

Number of Mosaics	2	3	4	5	7	8
Number of Tiles Needed	40	60	?	100	140	160

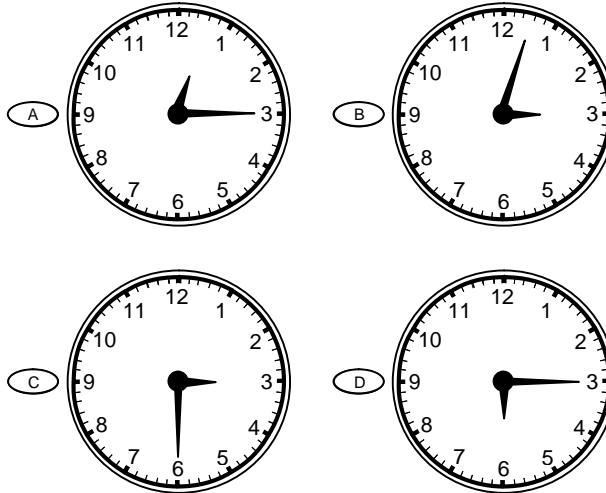
How many tiles does Jackson need for 4 mosaics?

Record your answer in the boxes. Fill in the bubbles.

Ⓐ	Ⓐ
Ⓑ	Ⓑ
Ⓒ	Ⓒ
Ⓓ	Ⓓ
⓪	⓪
①	①
②	②
③	③
④	④
⑤	⑤
⑥	⑥
⑦	⑦
⑧	⑧
⑨	⑨

3.7A

3 Jodie arrived at soccer practice at 3:03 P.M. Which clock below shows a time of 3:03?



3.12B

7 The table below shows the top speed of 3 mammals.

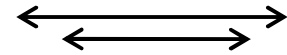
Mammal	Top Speed
Antelope	55 mph
Gazelle	50 mph
Cheetah	65 mph

Which equation can be used to find how much faster a cheetah can run than a gazelle?

- (A)  $65 + 50 = \square$
- (B)  $55 - 50 = \square$
- (C)  $65 + 55 = \square$
- (D)  $65 - 50 = \square$

3.3A

4 Ricardo drew a pair of lines as shown below.



Which statement about the lines is true?

- (A) The lines appear to be congruent
- (B) The lines appear to be parallel
- (C) The lines appear to be perpendicular
- (D) The lines appear to be intersecting

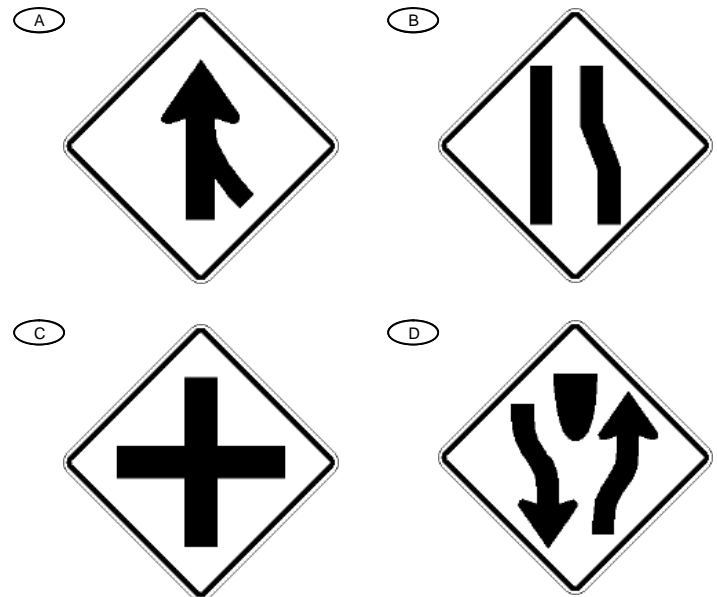
3.16A

5 When Raul and Desmond stand on the scale together, it indicates a mass of 82 kilograms. When Raul stands on the scale alone it indicates a mass of 40 kilograms. Which equation can be used to find the mass of Desmond?

- (A)  $82 + 40 = \square$
- (B)  $82 \times 40 = \square$
- (C)  $82 - 40 = \square$
- (D)  $82 \div 40 = \square$

3.15B

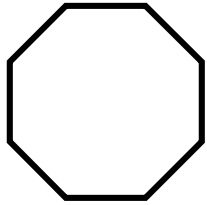
8 Which street sign below has at least one line of symmetry?



3.9C



1 Wendell drew a closed figure with 8 vertices and 8 line segments.



What is the name of the two-dimensional figure Wendell drew?

- (A) Octagon
- (B) Pentagon
- (C) Hexagon
- (D) Decagon

3.8A

2 Darnell and Shakira wrote down their favorite numbers.

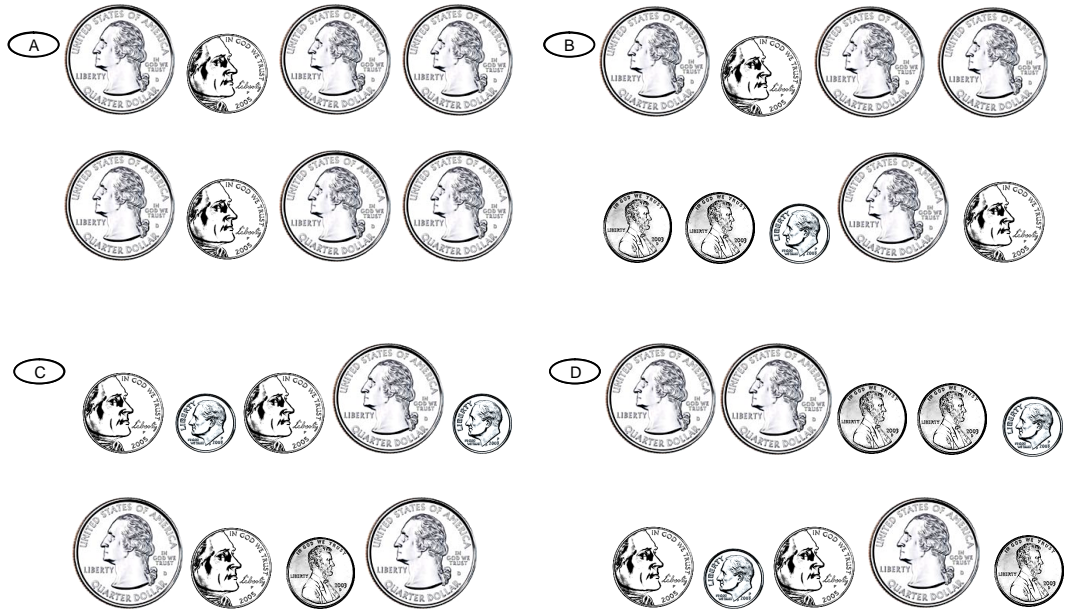
Darnell	Shakira
254	463
313	887
278	209

Which statement about the groups of numbers is true?

- (A) Darnell's numbers are all even
- (B) Shakira's numbers are all odd
- (C) Darnell's numbers are all greater than 300
- (D) Shakira's numbers are all less than 800

3.16A

3 Kimberley wants to buy a soda that costs \$1.11. Which group of coins below shows \$1.11?



3.1C

4 At Summit Elementary there are 151 third graders. Thirty-nine of them do not own any pets. Which number sentence shows the best way to estimate how many third graders own pets?

- (A)  $150 + 40 = 190$
- (B)  $160 - 40 = 120$
- (C)  $150 - 40 = 110$
- (D)  $160 + 40 = 200$

3.5A

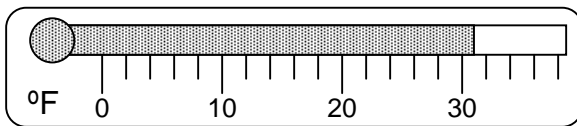
5 Mr. Perea has bundles of paint brushes. Each bundle has 6 paint brushes. If he counts the brushes in groups of 6, which list shows the numbers he could use?



- (A) 6, 13, 18, 24
- (B) 6, 12, 24, 30
- (C) 6, 12, 15, 24
- (D) 6, 18, 26, 30

3.6B

6 What temperature is indicated on the thermometer?



- (A) 30°
- (B) 31°
- (C) 32°
- (D) 33°

3.12A

7 Darius is a photographer. He takes 8 to 12 photographs each day. What is a reasonable number of days it will take Darius to take 30 pictures?

- (A) 3 days
- (B) 2 days
- (C) 5 days
- (D) 7 days

3.14B

8 Jessica is making a pictograph showing the number of calls she makes each month. She hasn't finished drawing the phones for the month of April.

January	
February	
March	
April	

Each means 4 phone calls

If Jessica makes 16 phone calls in April, how many s will she need to add to the graph?

- (A)
- (B)
- (C)
- (D)

3.13A

