

**1** Ignacio wrote three hundred forty-five thousand, six hundred on his paper. Which numeral below did Ignacio write?

(A) 345,060  
 (B) 345,600  
 (C) 304,560  
 (D) 34,560

**2** Which number is between 2,319 and 4,789?

2,319		4,789
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(A) 2,267  
 (B) 5,142  
 (C) 2,024  
 (D) 4,699

**3** Farah wrote a number in expanded form.

$200,000 + 10,000 + 7,000 + 200 + 3$

Which number below means the same?

(A) 207,203   (B) 217,203   (C) 217,023   (D) 217,230

**4** A whale at the aquarium has a mass of one hundred forty-eight thousand, two hundred five kilograms. Which shows another way to write this amount?

(A) 148,025 kg   (B) 148,250 kg  
 (C) 148,205 kg   (D) 14,825 kg

**5** Which list of numbers is in order from greatest to least?

(A) Greatest 4,354 4,519 4,765 Least 4,827	(B) Greatest 6,249 6,482 6,399 Least 6,103
(C) Greatest 6,452 6,389 6,293 Least 6,300	(D) Greatest 4,512 4,350 4,285 Least 4,244


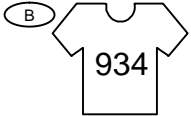

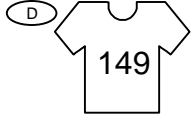
**6** How is the numeral 46,702 written with words?

(A) Four hundred sixty thousand, seven hundred two  
 (B) Forty thousand, six thousand, seven hundred two  
 (C) Forty-six thousand, seven hundred two  
 (D) Four hundred six thousand, seven hundred two

**1** Andrew wrote the number 59,065. How is this number written in expanded form?

(A)  $5,000 + 900 + 60 + 5$    (B)  $50,000 + 900 + 60 + 5$   
 (C)  $50,000 + 9,000 + 60 + 5$    (D)  $500,000 + 90,000 + 60 + 5$

**2** The number on Hillary's shirt has a 9 in the ones place and a 4 in the hundreds place. Which could be Hillary's shirt?

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

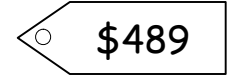
**3** Which list of numbers is in order from least to greatest?

(A) 1,785   1,453   1,399   1,301  
 (B) 1,453   1,274   1,564   1,675  
 (C) 1,357   1,428   1,570   1,392  
 (D) 1,257   1,264   1,300   1,310

**5** The table shows the weights of recycled materials at a school.

<i>Recycled Material</i>	
Material	Weight (lbs)
Aluminum	3,475
Glass	2,198
Paper	4,365
Plastic	3,614

**4** Mr. Mendoza paid \$489 for a computer.



What does the 8 in the price represent?

(A) \$8   (B) \$80  
 (C) \$800   (D) \$8,000

Which lists the materials in order from heaviest to lightest?

(A) Aluminum   Paper  
 Glass   Plastic  
 Paper   Aluminum  
 Plastic   Glass

(B) Paper   Glass  
 Plastic   Aluminum  
 Aluminum   Paper  
 Glass   Plastic

**1** Look at the number tiles.

3	6	1	7	9
4	8	5	3	7

What fraction of the numbers is odd?

(A)  $\frac{7}{10}$     (B)  $\frac{6}{10}$     (C)  $\frac{5}{10}$     (D)  $\frac{7}{3}$

**2** Look at the list of names.

1. Amelia	2. Boris
3. Hayden	4. Adam
5. Aysha	6. Delphia
7. Alvaro	8. Absolan

What fraction of the names begins with an A?

(A)  $\frac{3}{5}$     (B)  $\frac{3}{8}$     (C)  $\frac{5}{8}$     (D)  $\frac{8}{8}$

**3** Carlotta drew some triangles inside some circles. Which picture shows a triangle inside more than  $\frac{4}{6}$  of the circles?

(A)    (B)    (C)    (D)

**4** Which group of pentagons is less than  $\frac{6}{11}$  shaded?

(A)    (B)    (C)    (D)

**5** Mrs. Torres placed 16 tiles on her bathroom floor. Half of the tiles were gray and half were white. Which could represent her bathroom floor?

(A)    (B)    (C)    (D)

**1** Annissa has a game spinner.

What fraction of the sections have C's?

(A)  $\frac{2}{8}$     (B)  $\frac{1}{10}$     (C)  $\frac{2}{10}$     (D)  $\frac{1}{2}$

**2** Which model is more than  $\frac{4}{8}$  shaded?

(A)    (B)    (C)    (D)

**3** The table shows the color and number of socks that Louis keeps in a drawer. What fraction of the socks is white?

Socks in the Drawer	
Color	Number
Brown	6
Black	8
White	10
Tan	6

(A) One half    (B) Six thirtieths    (C) Ten twentieths    (D) Ten thirtieths

**4** Which figure has the least amount of shading?

1    2    3    4

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

**5** Look at the figures.

What fraction of the figures is a triangle?

(A)  $\frac{3}{5}$     (B)  $\frac{5}{8}$     (C)  $\frac{6}{8}$     (D)  $\frac{7}{8}$

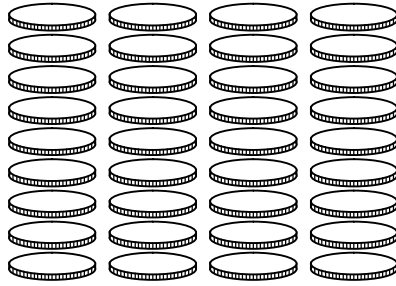
1 The table shows the number of bottles of juice that 3 students drink each week.

Student	Number of bottles
Belita	1
Da-Xia	2
Kevin	2

If each bottle contains 12 ounces of juice, how many ounces of juice do the 3 students drink each week?

- (A) 5      (B) 20  
(C) 36      (D) 60

2 Caroline has 36 plastic chips to put into stacks.



If she puts 6 chips in each stack, how many stacks can she make with 36 chips?

- (A) 4      (B) 5  
(C) 6      (D) 9

3 Lamar has some cups. He wants to pack the same number of cups in each of 2 boxes.



Which number sentence shows how many cups he will pack in each box?

- (A)  $12 \div 2 = 6$       (B)  $12 \times 2 = 24$   
(C)  $16 \times 2 = 32$       (D)  $16 \div 2 = 8$

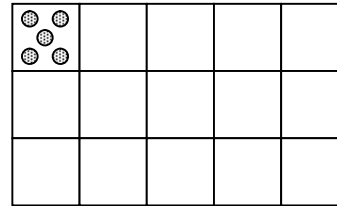
4 Sharlee made 5 jackets. Each jacket had 8 buttons. What is the total number of buttons that Sharlee used to make the jackets?

- (A) 45      (B) 40  
(C) 35      (D) 13

5 Alonzo read 16 novels last year. Each novel had 9 chapters. How many chapters did the novels have altogether?

- (A) 144      (B) 124  
(C) 94      (D) 64

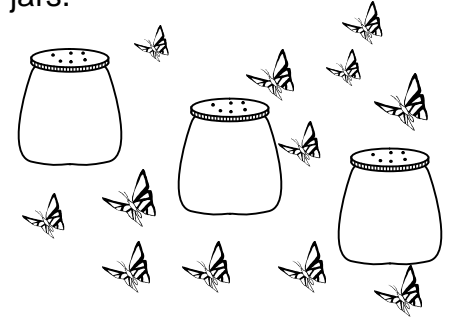
1 Mariah is making a design. She will place 5 chips on each square of the grid.



After she finishes the design, how many chips will be on the grid altogether?

- (A) 20      (B) 50  
(C) 75      (D) 125

2 Blake has 12 butterflies and 3 jars.



If he puts the same number of butterflies in each jar, how many will he place in each jar?

- (A) 2      (B) 4      (C) 6      (D) 15

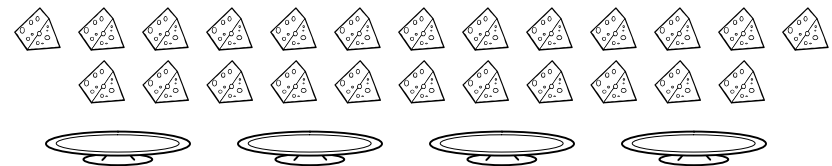
3 Eight 3<sup>rd</sup> graders and six 4<sup>th</sup> graders each paid \$7 to enter the circus. How much did the students pay altogether?

- (A) \$21      (B) \$49  
(C) \$98      (D) \$102

4 Isadora invited 13 guests to her party. Each guest drank 6 ounces of punch. How many ounces of punch did the guests drink?

- (A) 19      (B) 59  
(C) 68      (D) 78

5 Mr. Brocatto has some pieces of cheese and some platters.



If he places an equal number of pieces of cheese on each platter, which number sentence shows how many pieces will be on the fourth platter?

- (A)  $24 + 4 = 28$       (B)  $24 \div 4 = 6$   
(C)  $24 - 4 = 20$       (D)  $21 \times 4 = 84$

**1** Every 8 minutes Pablo jogs 1 mile.

Number of minutes	16	24	32		48	56
Number of miles	2	3	4	5	6	7

How many minutes does he have to jog to travel 5 miles?

(A) 36    (B) 40    (C) 43    (D) 46

**2** Mr. Soto keeps 3 birds in a cage. Which table shows the number of birds he keeps in 3, 4, and 7 cages?

(A)

Number of cages	3	4	7
Number of birds	12	20	21

(B)

Number of cages	3	4	7
Number of birds	6	7	10

(C)

Number of cages	3	4	7
Number of birds	9	15	24

(D)

Number of cages	3	4	7
Number of birds	9	12	21

**3** The table below shows the number of dollars needed to mail groups of 5 packages.

Number of Packages	Number of Dollars
5	7
10	14
15	21

If Jayden has to mail 25 packages, how many dollars will he need?

(A) 35    (B) 28  
(C) 21    (D) 15

**4** The table shows the number of ounces in different numbers of pounds.

Pounds	Ounces
1	16
2	
3	48
4	64

How many ounces are in 2 pounds?

(A) 8 ounces  
(B) 24 ounces  
(C) 32 ounces  
(D) 40 ounces

**1** Madison gets 3 stickers for every 100 math problems she solves.

Problems	Stickers
100	3
200	6
300	9
400	12

If Madison solves 600 problems, how many stickers will she get?

(A) 15    (B) 18  
(C) 21    (D) 24

**2** Every 4 weeks Jahquil earned \$20 for mowing the lawn.

Weeks	Money (\$)
4	20
8	40
12	60
16	80

Jahquil earned \$120. How many weeks did he mow the lawn?

(A) 18    (B) 20  
(C) 24    (D) 28

**3** A nonagon is a figure that has 9 sides. Which table shows the number of sides that 1, 2, and 4 nonagons have?

(A)

Nonagons	Sides
1	9
2	18
4	30

(B)

Nonagons	Sides
1	9
2	16
4	36

(C)

Nonagons	Sides
1	9
2	20
4	45

(D)

Nonagons	Sides
1	9
2	18
4	36

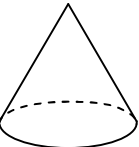
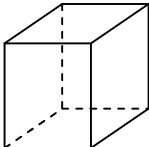
**4** Xiao-Chen is making necklaces. She uses the same number of jewels on each necklace. The table below shows the number of jewels she needs for different numbers of necklaces.

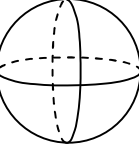
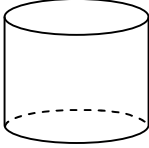
Number of Necklaces	2	3	4	5	7	8
Number of Jewels	24	36	48		84	96

How many jewels will she need for 5 necklaces?

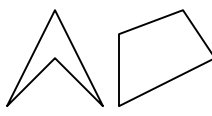
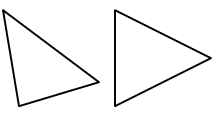
(A) 52    (B) 60    (C) 74    (D) 80

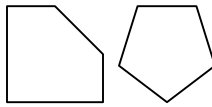
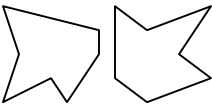
1 Which figure below is a sphere?

(A)  (B) 

(C)  (D) 

2 Look at the pairs of figures.

Pair 1  Pair 2 

Pair 3  Pair 4 

Which pair shows quadrilaterals?

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

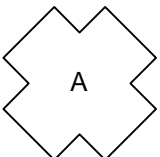
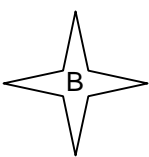
3 Gerald drew 1 triangle, 1 square, and 1 pentagon. How many sides do the figures have in all?


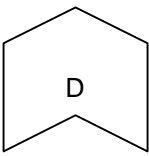
(A) 6 (B) 12  
(C) 14 (D) 21

4 Carey drew a rectangle. How many vertices does a rectangle have?

(A) 8 (B) 6  
(C) 5 (D) 4

5 Look at the figures.

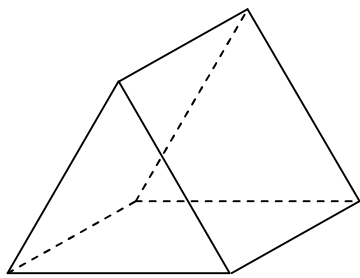
(A)  (B) 

(C)  (D) 

Which figure is an octagon?

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

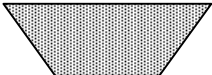
6 Look at the prism.



How many triangular faces does the prism have?

(A) 5 (B) 4  
(C) 2 (D) 1

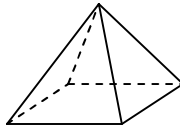
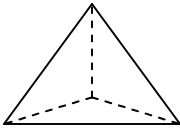
1 Look at the figure.

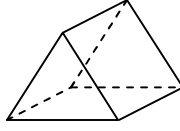
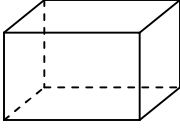


Which statement about the figure is **NOT** true?

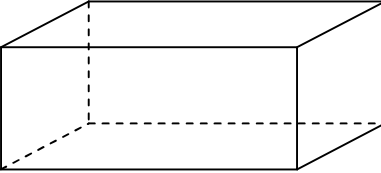
(A) It has 4 vertices  
(B) It is a trapezoid  
(C) It is a quadrilateral  
(D) It is a hexagon

2 Which figure is a square pyramid?

(A)  (B) 

(C)  (D) 

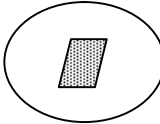
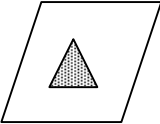
3 Look at the figure.

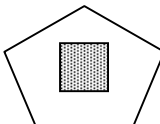
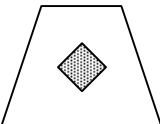


How many edges does the figure have?

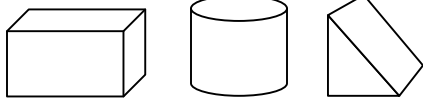
(A) 6 (B) 8  
(C) 12 (D) 16

4 Which shows a quadrilateral inside a quadrilateral?

(A)  (B) 

(C)  (D) 

5 Look at the figures.



Which kind of figure is **NOT** shown above?

(A) Cylinder  
(B) Rectangular prism  
(C) Cube  
(D) Triangular prism

6 Which figure has more sides than a triangle but fewer sides than a pentagon?

(A) Hexagon  
(B) Rectangle  
(C) Circle  
(D) Octagon

1 Which number does point F represent?

102                      108                      112                      122

(A) 113                      (B) 114                      (C) 116                      (D) 118

2 Which number does point A represent?

3                      3 <sup>3</sup>/<sub>4</sub>                      4                      5 <sup>1</sup>/<sub>4</sub>

(A) 4 <sup>1</sup>/<sub>4</sub>                      (B) 4 <sup>1</sup>/<sub>2</sub>                      (C) 5                      (D) 5 <sup>1</sup>/<sub>2</sub>

3 Which point represents 66 on the number line?

24    30                      54                      78

(A) Point P                      (B) Point Q                      (C) Point R                      (D) Point S

4 Which number does point H represent?

9    9 <sup>1</sup>/<sub>4</sub>                      10                      11

(A) 10 <sup>3</sup>/<sub>4</sub>                      (B) 10 <sup>1</sup>/<sub>2</sub>                      (C) 10 <sup>1</sup>/<sub>4</sub>                      (D) 11 <sup>1</sup>/<sub>4</sub>

5 Which number does point C represent?

145                      165    175                      215

(A) 115                      (B) 125                      (C) 135                      (D) 155

1 Which number does point T represent?

14    17                      26                      41    44

(A) 28                      (B) 29                      (C) 30                      (D) 32

2 Which number does point M represent?

3 <sup>3</sup>/<sub>4</sub>                      4 <sup>1</sup>/<sub>2</sub>                      5                      6

(A) 3 <sup>1</sup>/<sub>2</sub>                      (B) 4 <sup>1</sup>/<sub>4</sub>                      (C) 4                      (D) 4 <sup>3</sup>/<sub>4</sub>

3 Which point represents 109 on the number line?

89    94    99                      119                      134    139

(A) Point W                      (B) Point X                      (C) Point Y                      (D) Point Z

4 Which number does point S represent?

0                      1    1 <sup>1</sup>/<sub>4</sub>                      2

(A) 1 <sup>1</sup>/<sub>2</sub>                      (B) <sup>1</sup>/<sub>2</sub>                      (C) 1 <sup>3</sup>/<sub>4</sub>                      (D) <sup>1</sup>/<sub>4</sub>

5 Which number does point Z represent?

12    16                      28                      36

(A) 0                      (B) 2                      (C) 4                      (D) 6