

**Kindergarten Standards**

**Counting and Cardinality**

[K.CC.A.01](#)

[K.CC.A.02](#)

[K.CC.A.03](#)

[K.CC.B.05](#)

[K.CC.C.06](#)

[K.CC.C.07](#)

**Operations and Algebraic Thinking**

[K.OA.A.01](#)

[K.OA.A.02](#)

[K.OA.A.03](#)

[K.OA.A.04](#)

[K.OA.A.05](#)

**Number and Operations in Base Ten**

[K.NBT.A.01](#)

**Measurement and Data**

[K.MD.B.03](#)

[K.MD.C.04](#)

**Geometry**

[K.G.A.01](#)

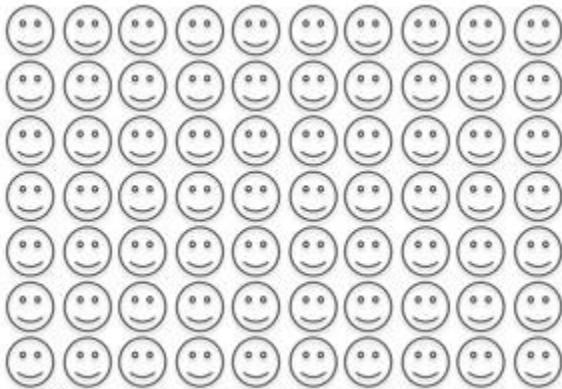
[K.G.A.02](#)

[K.G.A.03](#)

**Counting and Cardinality**  
**K.CC.A.01**  
**Items 1-4**

**ITEM 1**

Count by 10s. How many smiley faces are in the picture?



- A. 10
- B. 7
- C. 70**
- D. 80

**ITEM 2**

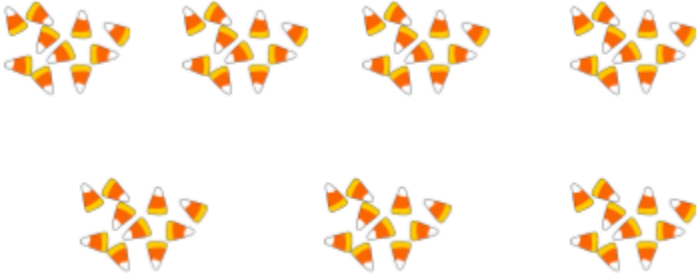
Count by 10s. How many suns are in the picture?



- A. 10
- B. 40**
- C. 4
- D. 50

**ITEM 3**

Nick wants to count how much candy corn he has. He put them into groups of 10. How many candy corns does he have altogether?



- A. 8
- B. 80
- C. 7
- D. 70**

**Counting and Cardinality**  
**K.CC.A.02**  
**Items 4-10**

**ITEM 4**

What number goes in the blank?

33, 34, 35, 36, \_\_\_\_\_

Enter your answer below.

**37**

**ITEM 5**

What number goes in the blank? 58, 59, 60, 61, \_\_\_\_

- A. 62
- B. 2
- C. 70
- D. 61

**ITEM 6**

What number goes in the blank?

73, 74, 75, 76, \_\_\_\_\_

A. 76

B. 80

C. 7

**D. 77**

**ITEM 7**

What is the next number in the sequence?

24, 25, 26, 27, \_\_\_

Enter your answer below.

28



**ITEM 8**

What number comes next in the sequence?

7, 8, 9, 10, \_\_\_\_\_

Enter your answer below.

11

**ITEM 9**

Beth is counting by ones and gets to 18. What list of numbers comes next?

A. 17, 16, 15

B. 1, 2, 3, 4

C. 18, 19, 20

D. 19, 20, 21

**ITEM 10**

Amy is counting her marbles. You hear her say 25. How should she count next?

A. 26, 27, 28, 29

B. 25, 30, 35, 40

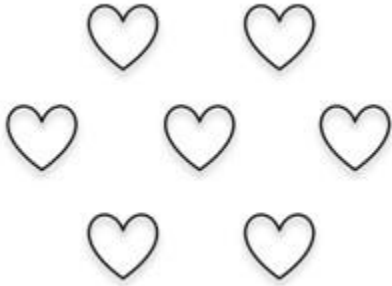
C. 24, 23, 22, 21

D. 1, 2, 3, 4

**Counting and Cardinality**  
**K.CC.A.03**  
**Items 11-13**

**ITEM 11**

How many hearts are in the picture?



**A. 7**

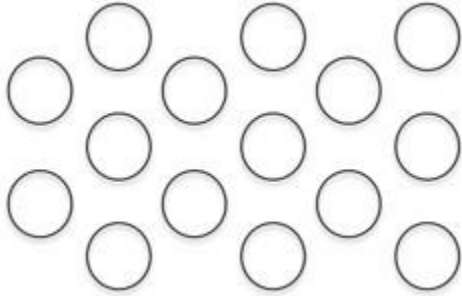
B. 8

C. 6

D. 70

**ITEM 12**

How many circles does the picture show?



**A. 15**

B. 5

C. 51

D. 50

**ITEM 13**

What number is represented by the objects in the picture?



A. 31

B. 3

**C. 13**

D. 30

**Counting and Cardinality**  
**K.CC.B.05**  
**Items 14-35**

**Items 14-35**

**ITEM 14**

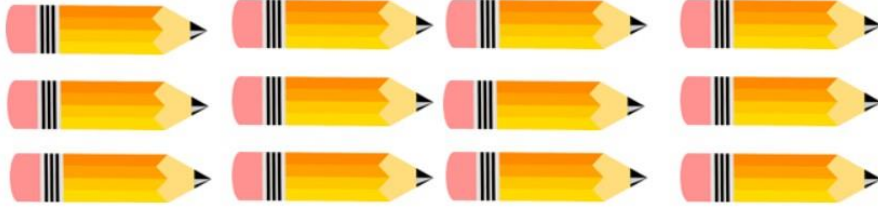
How many coins in this set are dimes?:



- A. 1
- B. 2**
- C. 3
- D. 9

**ITEM 15**

How many pencils are shown?



**A. 12**

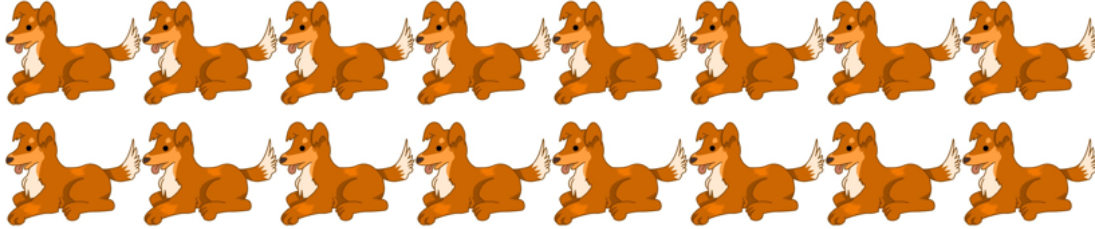
B. 13

C. 14



**ITEM 16**

How many dogs are shown?



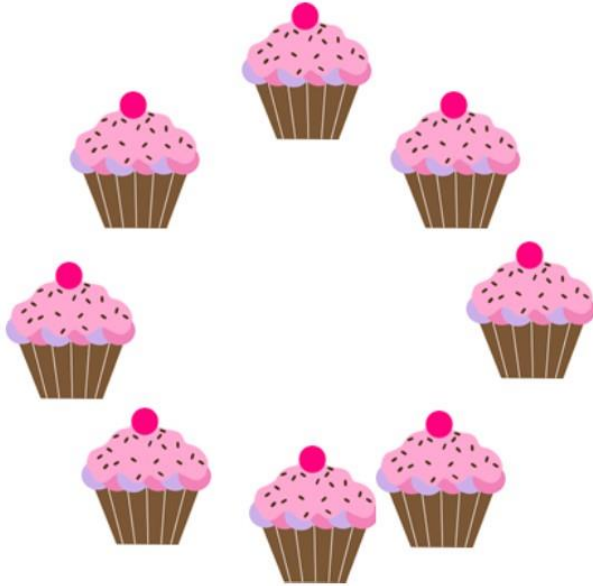
A. 15

**B. 16**

C. 17

**ITEM 17**

How many cupcakes are in the circle?



**A. 8**

B. 9

C. 10

ITEM 18

How many quarters are shown?



- A. 6
- B. 7
- C. 8**
- D. 10

**ITEM 19**

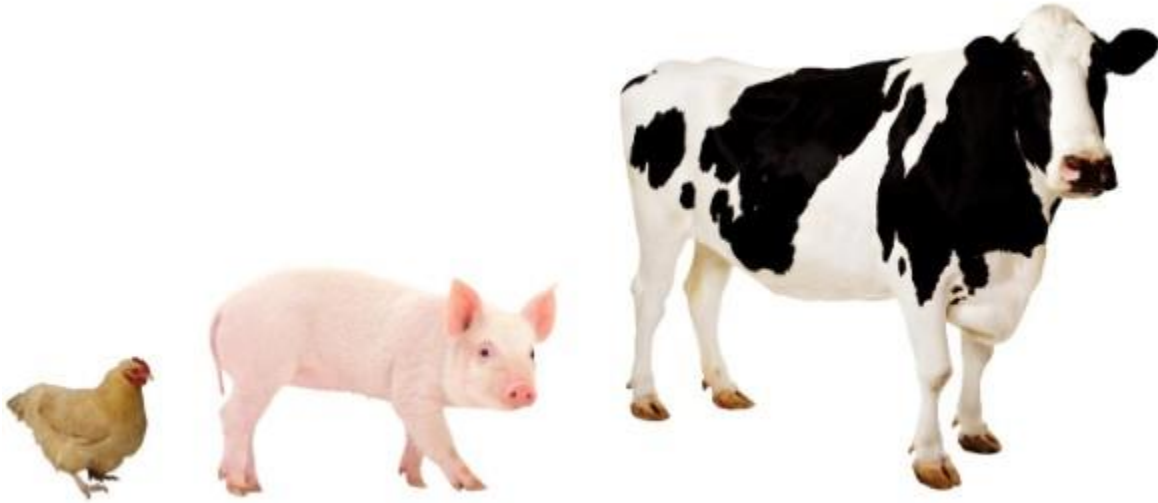
Ellie has some coins in her pocket. Here are her coins: How many coins are pennies?



- A. 1
- B. 2
- C. 3**
- D. 6

**ITEM 20**

How many animals does David have on his farm altogether?



- A. 3
- B. 6
- C. 9
- D. 12

**ITEM 21**

Tisha visited her grandparents who live on a farm in Louisiana. How many chicks hatched on their farm?



**A. 5**

B. 15

C. 3

D. 13

**ITEM 22**

How many ducklings does Aunt Mary Anne have altogether?



- A. 2
- B. 7
- C. 15
- D. 14**

**ITEM 23**

How many bumblebees are there?



A. 15

**B. 14**

C. 13

D. 12



**ITEM 24**

How many pennies do you see?



A. 18

**B. 15**

C. 14

D. 5

**ITEM 25**

How many stars can you see?



- A. 15
- B. 14**
- C. 7
- D. 2

**ITEM 26**

How many color pencils are in the picture?



A. 14

B. 15

**C. 16**

D. 17

**ITEM 27**

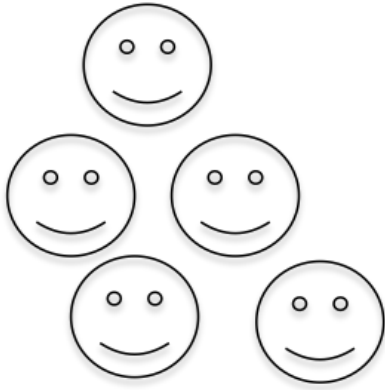
How many heads of lettuce does Peter Rabbit have in his garden?



- A. 12
- B. 15
- C. 18**
- D. 24

**ITEM 28**

How many smiley faces are in the picture?

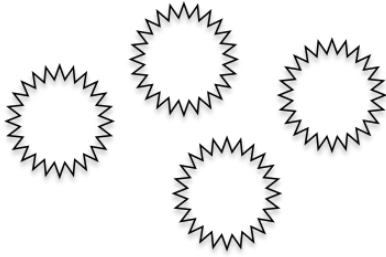


Enter the number of smiley faces below.

5

**ITEM 29**

How many suns are in the picture?



Enter the number of suns below.

4

**ITEM 30**

How many stars are in the picture?

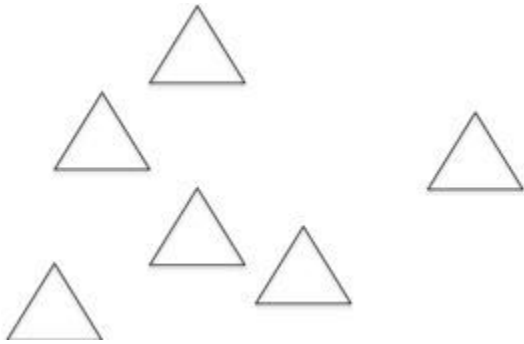


Enter the number of stars below.

8

**ITEM 31**

How many triangles are in the picture?



Enter the number of triangles below.

**6**



**ITEM 32**

How many cupcakes are there?



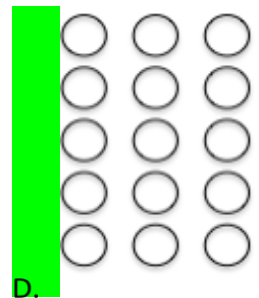
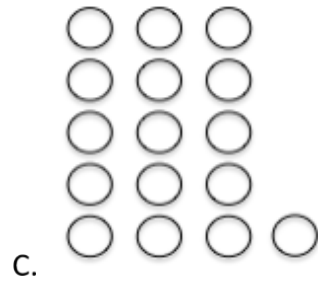
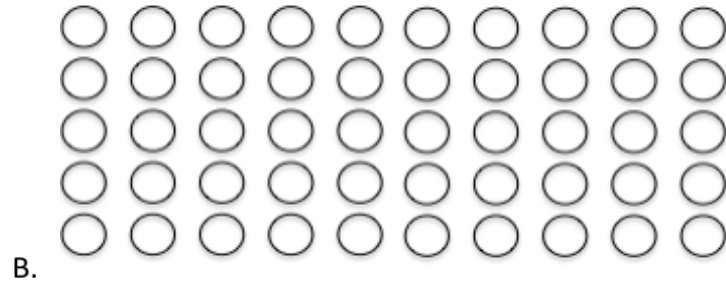
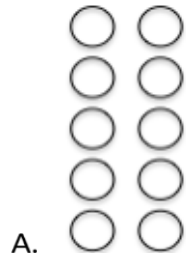
A. 8

B. 9

**C. 10**

**ITEM 33**

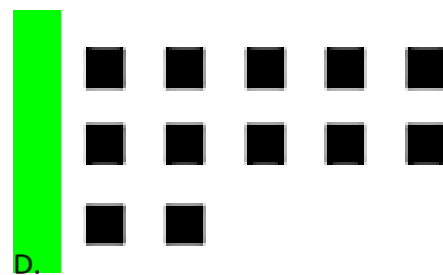
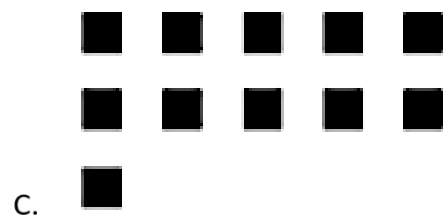
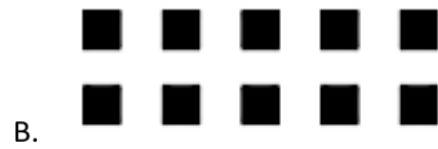
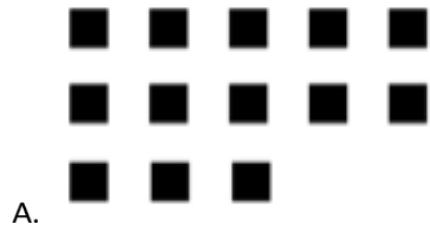
Which set has 15 circles?



D.

ITEM 34

Which set has 12 squares?



D.

**ITEM 35**

Your teacher asks you to put 7 pennies on the table. Which picture would be correct?



**Counting and Cardinality**  
**K.CC.C.06**  
**Items 36-38**

**ITEM 36**

Count the number of dimes shown.



Pick the group below that has fewer dimes.



**ITEM 37**

Count the number of pennies shown.



Pick the group below that has more pennies.



**ITEM 38**

Which train has more boxcars, the red one or the green one?



- A. The green train has more boxcars.
- B. The red train has more boxcars.**
- C. They have equal number of boxcars.

**Counting and Cardinality**  
**K.CC.C.07**  
**Items 39- 45**

**ITEM 39**

Which **two** numbers are greater than 4?

**A. 7**

B. 2

C. 4

**D. 6**

E. 1



**ITEM 40**

Which **two** numbers are less than 6?

A. 9

**B. 5**

C. 6

**D. 3**

E. 7

**ITEM 41**

Which number is equal to 6?

A. 5

B. 7

**C. 6**

D. 10

**ITEM 42**

Which number is greater than 5?

A. 3

**B. 8**

C. 1

D. 5

**ITEM 43**

Which number is less than 7?

A. 6

B. 10

C. 8

D. 9

**ITEM 44**

Which number is less than 4?

A. 2

B. 4

C. 6

D. 8

**ITEM 45**

Which number is more than 6?

A. 2

B. 4

C. 6

**D. 8**

Operations and Algebraic Thinking  
K.OA.A.01  
Items 46-49

ITEM 46

Use the pictures to answer the question.



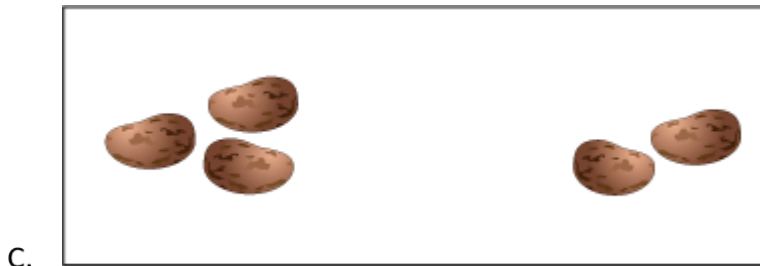
Which number sentence models the story?

- A.  $4 + 1 = 5$
- B.  $5 - 1 = 4$
- C.  $6 - 1 = 5$

**ITEM 47**

Kim has 5 beans. Then she gets 3 more beans.

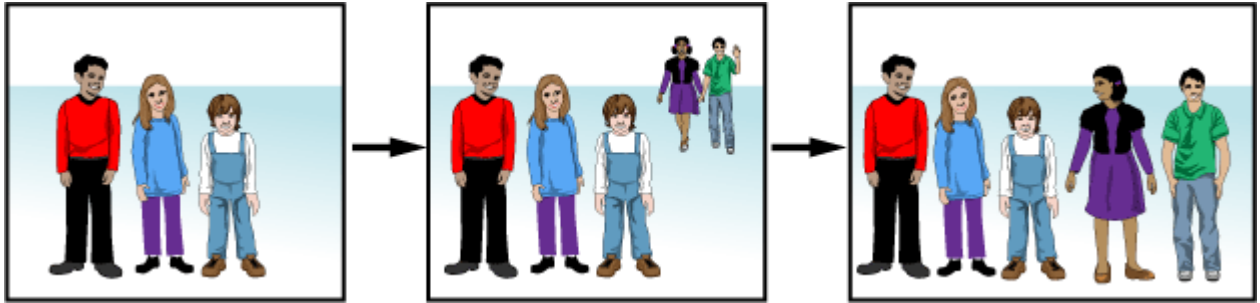
Which picture can Kim use to find how many beans she has altogether?





**ITEM 48**

Use the pictures to answer the question.



Which number sentence represents this story?

A.  $3 + 2 = 5$

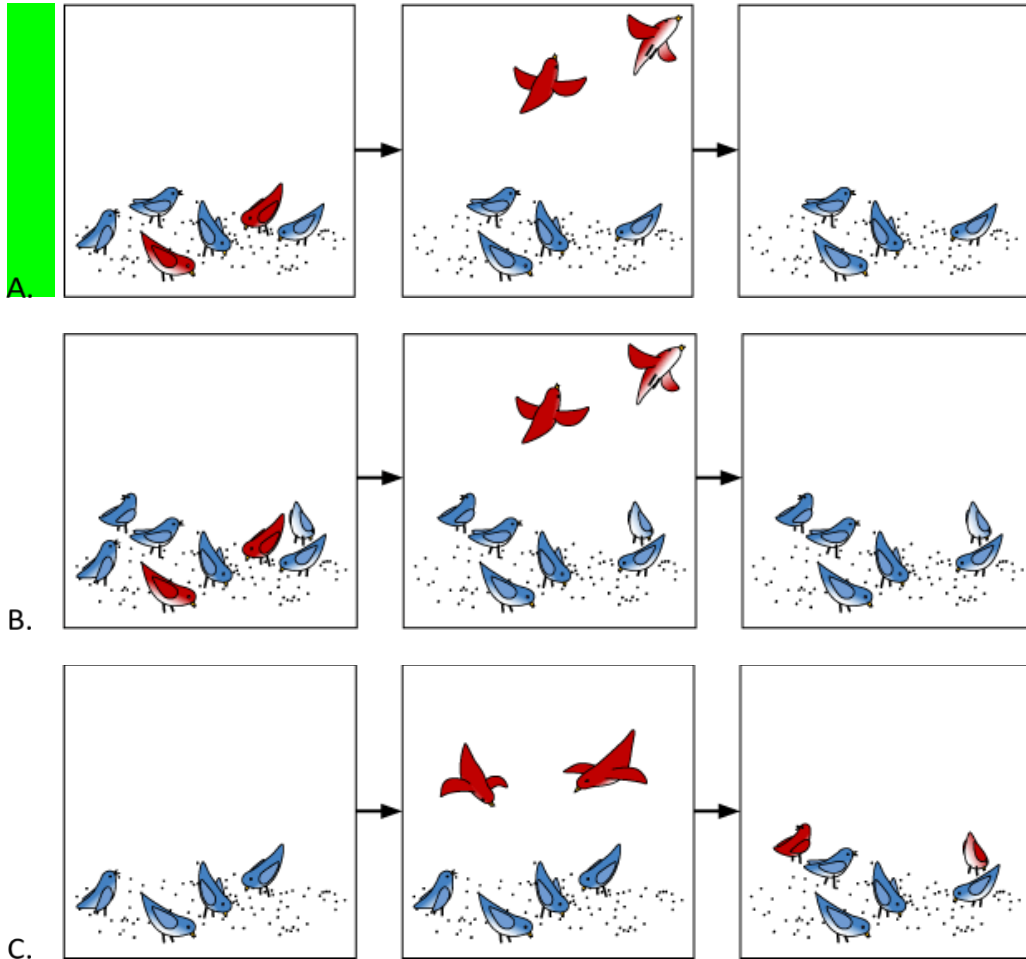
B.  $3 - 2 = 5$

C.  $5 + 2 = 7$

**ITEM 49**

Dave drew a story about this number sentence:  $6 - 2 = 4$

Which set of pictures could show Dave's story??



**Operations and Algebraic Thinking**  
**K.OA.A.02**  
**Items 50-67**

**ITEM 50**

Bob has 8 socks. He has 2 blue socks, and the rest are white socks. How many white socks does Bob have?

A. 6

B. 8

C. 10

**ITEM 51**

A squirrel had 9 nuts.



The squirrel ate some nuts. There were 3 nuts left.

$$9 - \underline{\quad} = 3$$

How many nuts did the squirrel eat?

A. 5

**B. 6**

C. 7

**ITEM 52**


Ben has 3 trucks. Scott has 6 trucks. How many fewer trucks does Ben have than Scott?

A. 9

B. 6

**C. 3**

**ITEM 53**

Kylie put some oranges on a table. She ate 3 oranges. 

Then there were 6 oranges left on the table.  How many oranges did Kylie put on the table?

**A. 9**

B. 6

C. 3

ITEM 54

**Jacob's trucks**



Sam has 2 fewer trucks than Jacob. How many trucks does Sam have?

- A. 2
- B. 4**
- C. 6
- D. 8

ITEM 55

Abby's cupcakes



Emily has 2 more cupcakes than Abby. How many cupcakes does Emily have?

- A. 2
- B. 3
- C. 4
- D. 5



**ITEM 56**

Sarah has 5 cats. Ann has 2 cats.

**Sarah's Cats**



**Ann's Cats**



How many more cats does Sarah have than Ann?

- A. 7
- B. 5
- C. 3**
- D. 2

**ITEM 57**

Josh has 10 pennies in his pocket.



He buys a toy car that costs 8¢. How much money does he have left?

- A. 10¢
- B. 8¢
- C. 4¢
- D. 2¢**

**ITEM 58**

Allison has 3 jewels in her box.



Then she puts some more jewels in her box.

She counts all of her jewels and counts 10 jewels. How many jewels did she put into the box?

- A. 10
- B. 7**
- C. 6
- D. 3

**ITEM 59**

Sam has 4 trucks. David has 5 trucks.

**Sam's trucks**



**David's trucks**



How many trucks do they have altogether?

- A. 4
- B. 5
- C. 9**
- D. 10

**ITEM 60**

Peter had 5 cookies.



He ate 2 cookies. How many cookies does he have left?

- A. 7
- B. 5
- C. 3**
- D. 2

**ITEM 61**

Cooper had 8 holiday cookies. He ate some of them.



Now he has 2 left. How many cookies did he eat?

- A. 2
- B. 6**
- C. 8
- D. 10

**ITEM 62**

Katie made 7 cards. She gave 5 cards to her friends. How many cards does Katie have left?

A. 2

B. 12

C. 3

**ITEM 63**

Lance gave 5 carrots to his rabbit. The rabbit ate some right away and now she has 2 left. How many did the rabbit eat?

A. 2

B. 0

C. 5

**D. 3**



**ITEM 64**

Uncle Drew has 8 sheep on his farm. 5 of them are staying in the pen, the rest are grazing outside. How many sheep does Uncle Drew have outside of the pen?

A. 5

**B. 3**

C. 8

D. 0

**ITEM 65**

Farmer Dale has 2 chickens that ran away, leaving him with 6 chickens. How many chickens did he have originally?

A. 6

**B. 8**

C. 2

D. 9

**ITEM 66**

Audrey received 10 tickets from her grandpa to spend at the State Fair. She spent 7 tickets on rides and the rest on food. How many tickets did she spend on food?

A. 2

**B. 3**

C. 4

D. 7

**ITEM 67**

Carrie read 5 books. She reads 1 more book. How many books did Carrie read in all?

A. 4

**B. 6**

C. 7

**Operations and Algebraic Thinking**  
**K.OA.A.03**  
**Items 68-72**

**ITEM 68**

Which two equations show each side equal to 10? \_\_\_\_\_

A.  $10 = 8 + 3$

**B.  $9 + 1 = 10$**

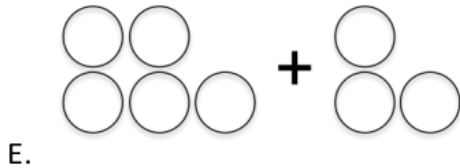
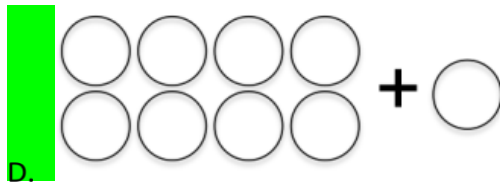
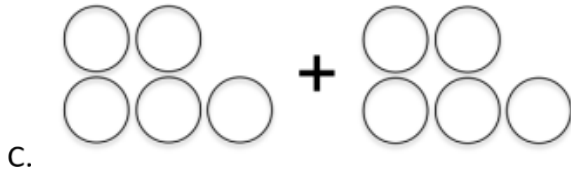
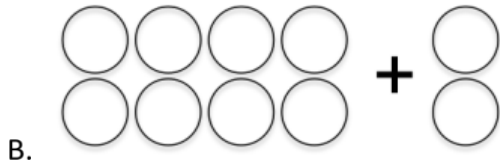
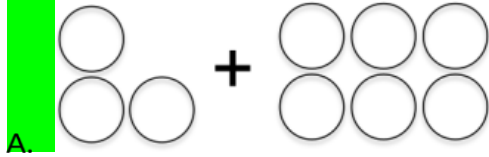
C.  $7 + 2 = 10$

**D.  $10 = 6 + 4$**

E.  $10 = 8 + 1$

ITEM 69

Which **two** drawings are equal to 9? \_\_\_\_\_



**ITEM 70**

Which **two** equations show each side equal to 8? \_\_\_\_\_

A.  $2 + 5 = 8$

B.  $8 = 1 + 9$

C.  $3 + 6 = 8$

D.  $8 = 7 + 1$

E.  $4 + 4 = 8$

**ITEM 71**

Which **two** equations show each side equal to 7? \_\_\_\_\_

A.  $4 + 3 = 7$

B.  $7 = 8 + 1$

C.  $7 = 2 + 5$

D.  $6 + 2 = 7$

E.  $3 + 5 = 7$



**ITEM 72**

Which **two** equations show each side equal to 6? \_\_\_\_\_

A.  $3 + 4 = 6$

B.  $5 + 2 = 6$

C.  $6 = 1 + 5$

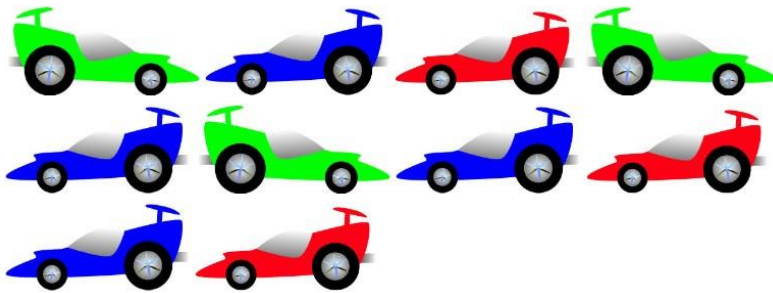
D.  $3 + 3 = 6$

E.  $6 = 2 + 3$

Operations and Algebraic Thinking  
K.OA.A.04  
Items 73-76

ITEM 73

Rashad has 10 toy cars.



One day he could only find 2 toy cars.

Which equation can be used to find how many cars are missing?

A.  $10 + 2 = \triangle$

B.  $2 + \triangle = 10$

C.  $9 + \triangle = 10$

D.  $\triangle + 3 = 10$

**ITEM 74**

Fred is collecting stickers on his sticker chart. He has the 4 stickers shown.



He can get a prize when he has 10 stickers.



How many more stickers does Fred need to get a prize?

- A. 4
- B. 5
- C. 6**
- D. 10

**ITEM 75**

Sarah thought she had 10 crayons, but 6 are missing.



How many crayons does Sarah have?



A.



B.



C.



D.

**ITEM 76**

Jonathan has 6 baseball cards in his album. How many more does he need to make 10 cards in his album?



A. 3

**B. 4**

C. 5

D. 6

**Operations and Algebraic Thinking**  
**K.OA.A.05**  
**Items 77-84**

**ITEM 77**

$2 + 3 = \underline{\quad}$ .

Enter the number that goes in the blank below.

5

**ITEM 78**

$0 + 2 = \underline{\quad}$ .

Enter the number that goes in the blank below.

2

**ITEM 79**

4 + 1 = \_\_\_\_\_.

Enter the number that goes in the blank below.

5



**ITEM 80**

2 plus 2 is the same amount as \_\_\_\_\_.

Enter the number that goes in the blank below.

4

**ITEM 81**

3 and 1 is the same amount as \_\_\_\_\_.

Enter the number that goes in the blank below.

4

**ITEM 82**

5 and 0 is the same amount as \_\_\_\_\_.

Enter the number that goes in the blank below.

5

**ITEM 83**

2 and 1 is the same amount as \_\_\_\_\_.

Enter the number that goes in the blank below.

3

**ITEM 84**

What number is missing in this number sentence?

$$2 + 0 = ?$$

A. 0

B. 1

**C. 2**

**Number and Operations in Base Ten**  
**K.NBT.A.01**  
**Items 85-89**

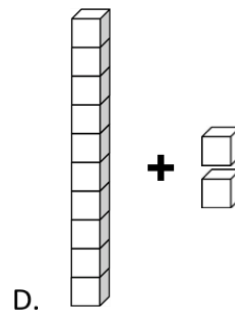
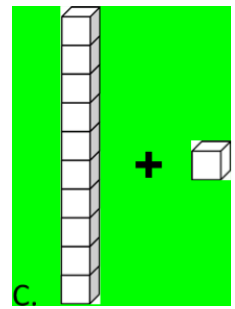
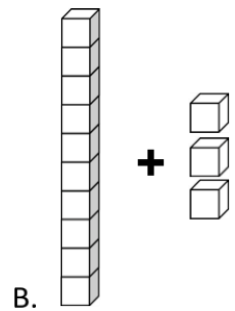
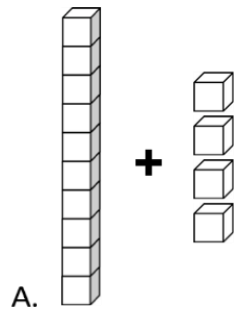
**ITEM 85**

The number 14 is composed of ten ones and how many other ones?

- A. 1
- B. 4**
- C. 10
- D. 14

**ITEM 86**

Which picture shows 11 cubes?



**ITEM 87**

Andrea has 5 crayons. She finds 6 more crayons.



Which **two** equations indicate how many crayons Andrea has?

A.  $10 + 1 = 11$

B.  $10 + 6 = 16$

C.  $11 = 10 + 1$

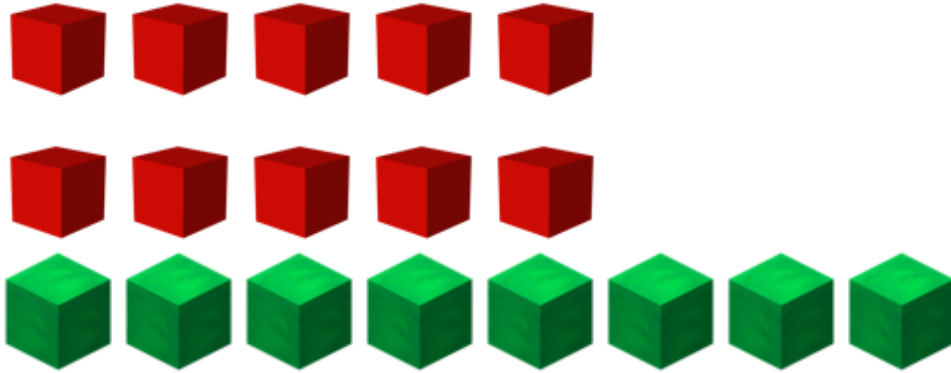
D.  $10 + 5 = 15$

E.  $10 + 7 = 17$



**ITEM 88**

Jackson has 10 red blocks and 8 green blocks.



Which equation can be used to find how many blocks he has altogether?

A.  $10 + 8 = 18$

B.  $10 + 8 = 10$

C.  $10 + 8 = 8$

D.  $10 - 8 = 2$

**ITEM 89**

Lucas has 5 cookies in one bag, and 10 in another bag. Which equation tells us how many cookies he has altogether?

A.  $10 + 5 = 5$

B.  $10 + 5 = 10$

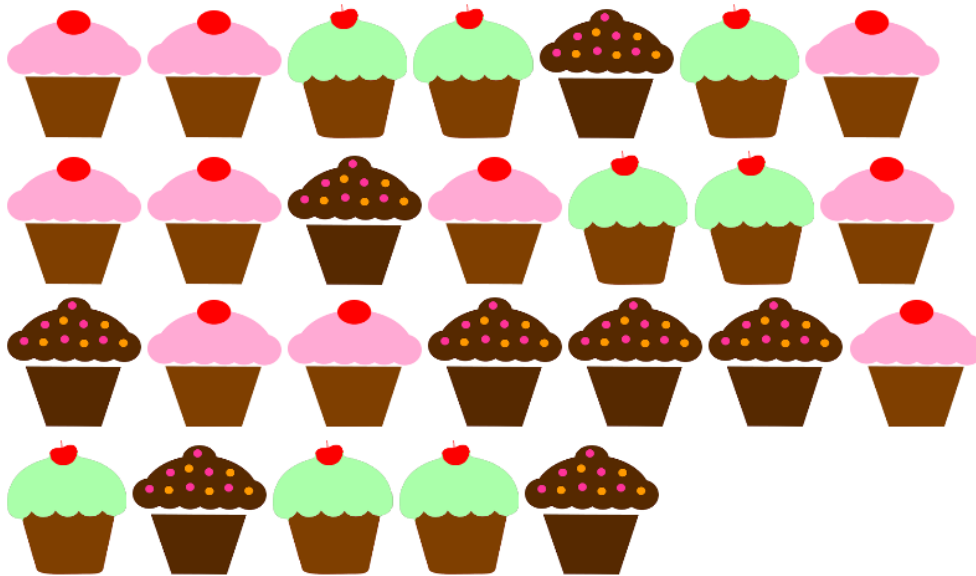
C.  $10 + 5 = 15$

D.  $10 - 5 = 5$

Measurement and Data  
K.MD.B.03  
Items 90-92

ITEM 90

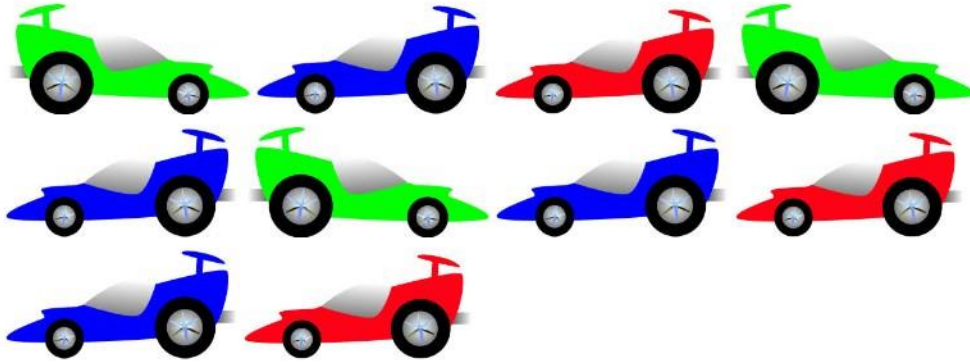
For which colors are there exactly 8 cupcakes?



- A. pink and green
- B. brown and green**
- C. pink and brown

ITEM 91

Devin has some race cars. Which colors of cars have exactly 3 each?



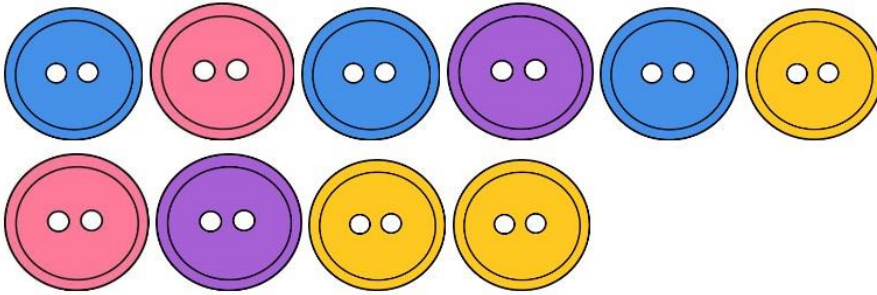
A. red and green

B. blue and green

C. red and blue

**ITEM 92**

Gabby has these buttons.



Which colors of buttons have exactly 2 each?

- A. blue and pink
- B. blue and purple
- C. pink and yellow
- D. pink and purple**

**Measurement and Data**  
**K.MD.C.04**  
**Items 93-98**

**ITEM 93**



This is a \_\_\_\_\_ and it is worth 1¢.

Enter the name of the coin below.

penny

**ITEM 94**



This is a \_\_\_\_\_ and it is worth 25¢.

Enter the name of the coin below.

quarter

**ITEM 95**



This is a \_\_\_\_\_ and it is worth 10¢.

Enter the name of the coin below.

dime



ITEM 96

Which coin is equal to 1¢?



A.



B.



C.



D.

**ITEM 97**

Which coin is worth 5 cents?



A.



B.



C.

**D.**



ITEM 98

Which coin is worth 10 cents?



A.



B.



C.



D.



Geometry  
K.G.A.01  
Items 99- 100

ITEM 99

Which picture shows a sphere?



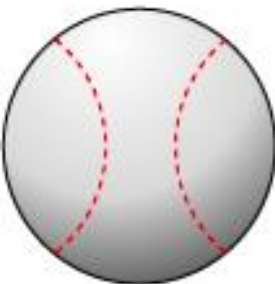
A.



B.



C.

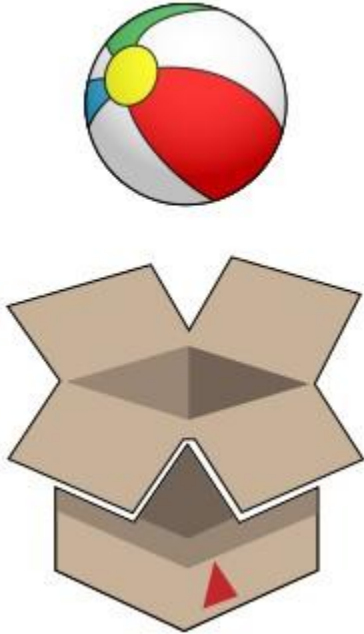


D.

**ITEM 100**

Grace drew a picture of a box and a ball.

Where did she draw the ball?

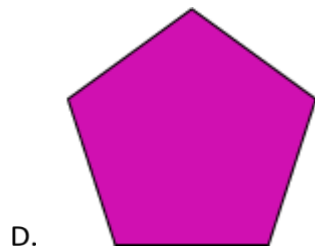
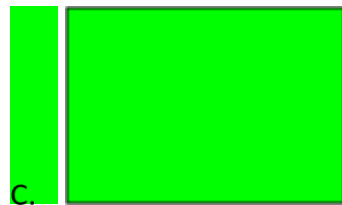
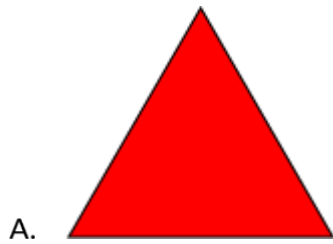


- A. under the box
- B. over the box**
- C. behind the box
- D. beside the box

**Geometry**  
**K.G.A.02**  
**Items 101-105**

**ITEM 101**

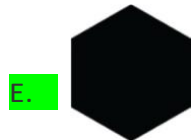
Which picture shows a rectangle?



D.

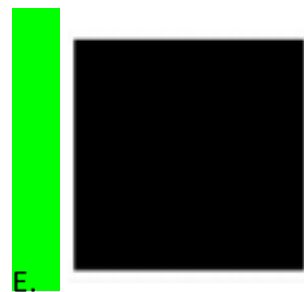
**ITEM 102**

Choose the **two** shapes that are hexagons.



**ITEM 103**

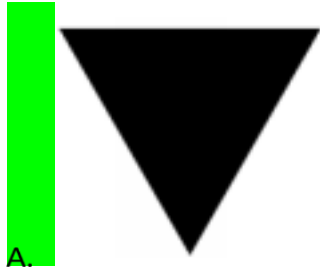
Choose the **two** shapes that are squares.





ITEM 104

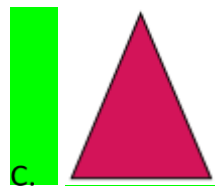
Look at the shapes. Choose the **two** shapes that are triangles.



**ITEM 105**

Kate is playing with some shapes.

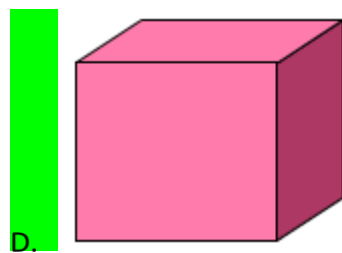
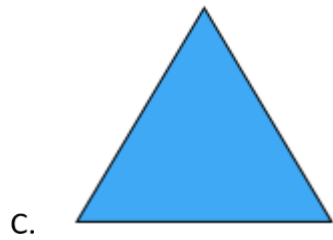
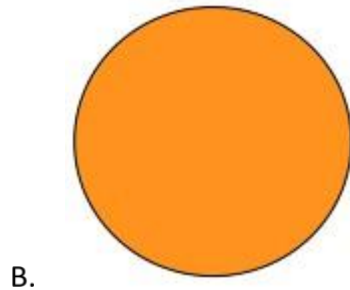
Which shape is **not** a rectangle?



Geometry  
K.G.A.03  
Items 106- 109

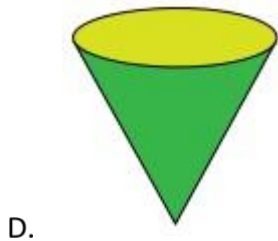
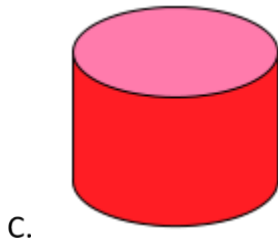
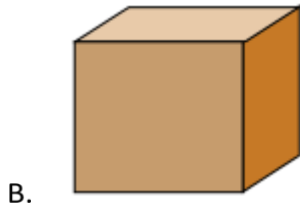
ITEM 106

Abby has some shapes. Which is **not** a flat shape?



**ITEM 107**

Dylan has some shapes. Which is **not** a solid shape?



ITEM 108

Look at the shapes. Choose the **two** shapes that are solid.



A.



B.



C.



D.



E.

**ITEM 109**

Look at the shapes. Choose the **two** shapes that are flat.

