

Grade 1 Standards

Operations and Algebraic Thinking

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Operations and Algebraic Thinking

1.OA.A.01

Items 1 – 23

ITEM 1

David has 11 baseball caps. Stan has 6. How many fewer baseball caps does Stan have than David?

A. 17

B. 11

C. 7

D. 5

ITEM 2

Sophie's mom gave her a bag with 12 carrot sticks in it. Sophie ate some carrot sticks, and then there were 5 left. How many carrot sticks did Sophie eat?

A. 17

B. 12

C. 7

D. 6

ITEM 3

There are 9 blocks sitting on the carpet. 4 are red and the rest are blue. How many blocks are blue?

A. 3

B. 5

C. 12

D. 13

ITEM 4

Mrs. Smith has 15 pencils. She has a red basket and a blue basket. Which of these is possible if she wants to put some pencils in the red basket and some pencils in the blue basket?

- A. 7 pencils in the red basket, 9 pencils in the blue basket
- B. 11 pencils in the red basket, 6 pencils in the blue basket
- C. 6 pencils in the red basket, 12 pencils in the blue basket
- D. 8 pencils in the red basket, 7 pencils in the blue basket

ITEM 5

Marcus has some trucks. His grandmother gives him 4 trucks. Now he has 12 trucks. How many trucks did Marcus have to begin with?

- A. 4 trucks
- B. 8 trucks**
- C. 10 trucks
- D. 16 trucks

ITEM 6

Chloe has 14 dolls. She gives 6 to her sister. How many dolls does Chloe have now?

- A. 20 dolls
- B. 14 dolls
- C. 8 dolls
- D. 6 dolls

ITEM 7

Sam has 15 baseball cards. Billy has 4 baseball cards. How many more baseball cards does Sam have than Billy?

A. 11 cards

B. 15 cards

C. 19 cards

D. 35 cards

ITEM 8

There were some cupcakes on the table. Abby ate 2 cupcakes. Now there are 17 cupcakes. How many cupcakes were on the table before?

A. 19

B. 17

C. 15

D. 2

ITEM 9

Abby has 12 books. Emily has 8 books. How many more books does Abby have than Emily?

- A. 20
- B. 12
- C. 8
- D. 4**

ITEM 10

Roderick has 9 toy cars. Three are red and the rest are blue. How many blue cars does Roderick have?

- A. 3
- B. 6**
- C. 9
- D. 112

ITEM 11

Dylan has 5 more cars than Luke. Luke has 12 cars. How many cars does Dylan have?

- A. 7
- B. 8
- C. 12
- D. 17**

ITEM 12

There were some kittens in the grass. Four more kittens came. Then there were seven kittens altogether. How many kittens were on the grass before?

- A. 3 kittens
- B. 4 kittens
- C. 7 kittens
- D. 11 kittens

ITEM 13

Tommy has 14 popsicles in a box. He gives some to his baseball team. He has 5 left in the box. How many popsicles did his team eat?

- A. 5 popsicles
- B. 9 popsicles**
- C. 14 popsicles
- D. 19 popsicles

ITEM 14

Claire has 4 dolls. Paige has 7. How many dolls do they have altogether?

- A. 3 dolls
- B. 10 dolls
- C. 11 dolls**
- D. 12 dolls

ITEM 15

Sarah has 9 dolls in her room. There are 5 dolls on the bed, and the rest are in her toy box. How many dolls are in Sarah's toy box?

A. 14

B. 9

C. 5

D. 4

ITEM 16

Lance has 10 marbles. He decides to play with 6 of them. How many marbles is Lance not playing with?

A. 4

B. 6

C. 10

D. 16

ITEM 17

Cooper is playing a game with 10 blocks. He puts 7 of the blocks together and sees that some are left on the floor. How many blocks are on the floor?

A. 3

B. 7

C. 10

D. 17

ITEM 18

Jacob has 9 small toy cars. He keeps his cars in a box. When he opens the box, he counts only 6 cars. How many cars are missing?

A. 15

B. 9

C. 6

D. 3

ITEM 19

Bradley has 12 baseballs. His coach gives him 2 more baseballs. How many baseballs does Bradley have now?

A. 10

B. 11

C. 13

D. 14

ITEM 20

There are 12 flowers in a vase. 4 flowers are red. The rest of the flowers are white. How many flowers are white?

- A. 8
- B. 9
- C. 12
- D. 16

ITEM 21

There are 19 books on a shelf. If the teacher takes 12 books off the shelf, how many books will be left on the shelf?

A. 6

B. 7

C. 31

D. 32

ITEM 22

Bob begins with 8 fish. He buys 3 more fish. How many fish does he have now?

A. 5

B. 6

C. 11

D. 12

ITEM 23

Chrisdan has 12 good behavior points. She has 5 more points than Sierra. How many good behavior points does Sierra have?

- A. 7 points
- B. 8 points
- C. 17 points
- D. 19 points

Operations and Algebraic Thinking

1.OA.A.02

Items 24 – 33

ITEM 24

Matt collected 6 blue buttons, 7 purple buttons, and 2 red buttons. How many buttons did Matt collect altogether?

15 buttons

ITEM 25

Sally went to the beach and saw 5 crabs, 11 fish, and 3 jellyfish in the water. How many total creatures did Sally see?

19 creatures

ITEM 26

Zach bought new toys with his birthday money. He bought 3 race cars, 7 puzzles, and 4 stuffed animals. How many new toys did Zach buy in all?

- A. 10 toys
- B. 13 toys
- C. 14 toys**
- D. 15 toys

ITEM 27

Sarah baked treats for the school bake sale. She baked 5 cookies, 5 brownies, and 8 pies. How many treats did Sarah bake altogether?

- A. 2 treats
- B. 17 treats
- C. 18 treats**
- D. 19 treats

ITEM 28

Kate's mom bought her 4 blue shirts, 6 white shirts, and 3 yellow shirts for school. How many shirts does she have in all?

A. 14 shirts

B. 13 shirts

C. 12 shirts

D. 7 shirts

ITEM 29

Chloe has 6 crayons, 7 markers, and 4 coloring pencils. How many drawing tools does she have altogether?

A. 18

B. 17

C. 16

D. 15

ITEM 30

Carter has 8 toy cars, 5 toy trucks, and 3 toy helicopters. How many toys does he have altogether?



- A. 8 toys
- B. 13 toys
- C. 15 toys
- D. 16 toys**

ITEM 31

Mia has 5 pink cupcakes, 6 blue cupcakes, and 3 purple cupcakes. How many cupcakes does she have altogether?



- A. 9
- B. 11
- C. 14**
- D. 15

ITEM 32

Connor has 9 marbles. Zach has 4 marbles. Steven has 5 marbles. How many marbles do they have altogether?

A. 13

B. 14

C. 17

D. 18

ITEM 33

Sarah put 5 jelly beans in an empty jar. Ellen put 7 jelly beans in the same jar, and Katie put 3 jelly beans in the same jar. How many jelly beans are now in the jar?

- A. 5
- B. 8
- C. 12
- D. 15**

Operations and Algebraic Thinking

1.OA.B.03

Items 34 – 43

ITEM 34

Which two numbers in the equation $3 + 2 + 8 = 13$ can be added to make 10?

A. 2 and 8

B. 3 and 2

C. 8 and 3

D. 13 and 2

ITEM 35

Enter the correct number in the blank.

$8 - 0 = \boxed{8}$

ITEM 36

What number goes in the blank?

$$4 + 7 = 11$$

$$7 + 4 = \underline{\quad}$$

A. 3

B. 10

C. 11

D. 12

ITEM 37

Enter the correct number in the blank.

If $8 + 5 = 13$, then $5 + \boxed{8} = 13$.

ITEM 38

If $1 + 7 = 8$, then what does $7 + 1$ equal?

A. 71

B. 9

C. 8

D. 6

ITEM 39

Which two numbers in the equation $2 + 4 + 6 = 12$ can be added to make 10?

- A. 2 and 4
- B. 4 and 6**
- C. 2 and 6
- D. 12 and 2

ITEM 40

If $3 + 9 = 12$, then what does $9 + 3$ equal?

A. 6

B. 11

C. 12

D. 13

ITEM 41

Enter the correct number in the blank.

If $2 + 7 = 9$, then $7 + \underline{2} = 9$.

ITEM 42

Enter the correct number in the blank.

$6 - 0 = \boxed{6}$

ITEM 43

If $4 + 5 = 9$, then what does $5 + 4$ equal?

A. 1

B. 8

C. 9

D. 10

Operations and Algebraic Thinking

1.OA.B.04

Items 44 – 48

ITEM 44

Which addition problem can help you solve $12 - 9 = \underline{\quad}$?

A. $12 + 9 = \underline{\quad}$

B. $9 + \underline{\quad} = 12$

C. $9 + 12 = \underline{\quad}$

D. $0 + 3 = \underline{\quad}$

ITEM 45

Which addition problem can help you solve $15 - 7 = \underline{\quad}$?

A. $7 + \underline{\quad} = 15$

B. $15 + 7 = \underline{\quad}$

C. $0 + 8 = \underline{\quad}$

D. $7 + 15 = \underline{\quad}$

ITEM 46

Which addition problem can help you solve $7 - 4 = \underline{\quad}$?

A. $3 + 0 = \underline{\quad}$

B. $4 + 7 = \underline{\quad}$

C. $7 + 4 = \underline{\quad}$

D. $4 + \underline{\quad} = 7$

ITEM 47

Which addition problem can help you solve $14 - 8 = \underline{\quad}$?

A. $8 + 14 = \underline{\quad}$

B. $8 + \underline{\quad} = 14$

C. $14 + 8 = \underline{\quad}$

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

ITEM 48

Dana is trying to solve this problem.

$$10 - 7 = \underline{\quad}$$

Which addition fact will help Dana?

A. $10 + 7 = 17$

B. $7 + 3 = 10$

C. $3 + 4 = 7$

Operations and Algebraic Thinking
1.OA.C.06
Item 49

ITEM 49

Enter the correct number in the blank.

What is $8 + 7$? _____

Operations and Algebraic Thinking

1.OA.D.07

Items 50 – 57

ITEM 50

Which number makes the equation $9 = \underline{\quad}$ true?

A. 10

B. 9

C. 8

D. 0

ITEM 51

Which equation is **false**?

A. $1 + 3 + 4 = 8$

B. $9 = 9$

C. $3 + 2 = 5$

D. $6 - 2 = 2 - 6$

ITEM 52

Which **two** equations are **true**?

A. $3 = 3$

B. $1 + 1 + 3 = 6$

C. $8 + 2 = 11$

D. $4 + 5 = 9$

E. $9 - 1 = 1 - 9$

ITEM 53

Which **two** equations are **true**?

A. $4 + 1 = 1 + 4$

B. $7 = 8$

C. $9 - 2 = 2 - 9$

D. $5 + 5 = 10$

E. $3 - 3 = 3$

ITEM 54

Which **three** equations are **true**?

A. $6 + 6 = 12$

B. $6 + 7 = 12$

C. $12 = 10 + 2$

D. $2 + 10 = 12$

E. $6 + 2 = 12$

ITEM 55

Which **two** equations are **false**?

A. $5 + 5 = 10$

B. $5 + 6 = 10$

C. $10 = 8 + 2$

D. $8 + 2 = 10$

E. $10 = 8 + 3$

ITEM 56

Which **two** equations are **true**?

A. $7 = 8 - 1$

B. $7 = 8 - 2$

C. $7 = 7$

D. $7 = 8$

E. $7 = 8 + 1$

ITEM 57

Choose the equation that is **true**.

A. $3 + 2 = 6$

B. $6 + 5 = 9 + 2$

C. $8 - 3 = 4$

D. $12 - 6 = 12 + 6$

Operations and Algebraic Thinking

1.OA.D.08

Items 58 – 69

ITEM 58

Find the missing number. $15 - 8 = \Delta$

A. 6

B. 7

C. 8

D. 9

ITEM 59

Find the missing number. $\Delta - 6 = 9$

A. 6

B. 9

C. 14

D. 15

ITEM 60

Find the missing number. $12 - \Delta = 7$

A. 5

B. 6

C. 7

D. 8

ITEM 61

Find the missing number that makes $8 - \square = 6$ **true**.

A. 2

B. 3

C. 7

D. 14

ITEM 62

What number is missing in this equation?

$$\underline{\quad} + 8 = 17$$

A. 7

B. 8

C. 9

D. 17

ITEM 63

What is the missing number in this number sentence?

$$\square - 4 = 4$$

A. $\square = 0$

B. $\square = 1$

C. $\square = 8$

D. $\square = 16$

ITEM 64

What is the missing number in this number sentence?

$$\square - 6 = 3$$

A. $\square = 2$

B. $\square = 3$

C. $\square = 9$

D. $\square = 18$

ITEM 65

Look at the number sentence.

$$\underline{\quad\quad} - 5 = 12$$

What number makes this sentence correct?

A. 17

B. 15

C. 7

D. 6

ITEM 66

Look at the number sentence.

$$8 + \underline{\quad} = 14$$

What number makes this sentence correct?

- A. 22
- B. 16
- C. 8
- D. 6**

ITEM 67

Which number makes this number sentence **true**?

$$\square - 12 = 7$$

- A. 5
- B. 6
- C. 18
- D. 19**

ITEM 68

Select the number that makes the equation **true**.

$$8 + ? = 15$$

A. 5

B. 6

C. 7

D. 8

ITEM 69

Which equation would be **true** if a 3 was in the blank?

A. $3 + \underline{\quad} = 5$

B. $6 - \underline{\quad} = 2$

C. $\underline{\quad} + 8 = 11$

D. $12 - \underline{\quad} = 8$

Number and Operations in Base Ten

1.NBT.A.01

Item 70

ITEM 70

John was putting some number cards in order. He left spaces to show where there were missing numbers. He has these cards: 98, 99, _____, _____, _____, 103, 104. Choose the answer that shows the missing cards in the correct order.

A. 102, 101, 100

B. 90, 91, 92

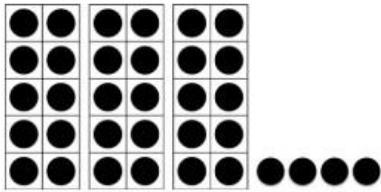
C. 100, 101, 102

D. 97, 96, 95

Number and Operations in Base Ten
1.NBT.B.02
Items 71 – 73

ITEM 71

What number does the model represent? Enter the correct number in the blank.



34

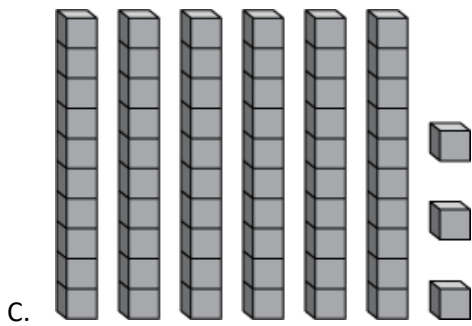
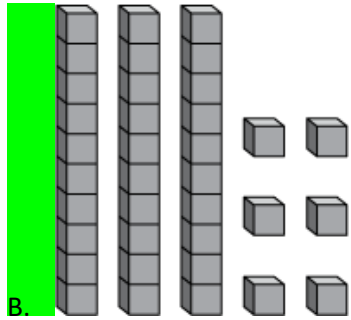
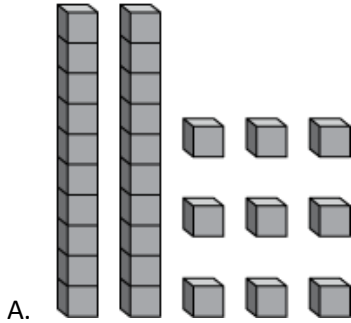
ITEM 72

How many tens and ones are in the number 38?

- A. 3 tens and 8 ones
- B. 8 tens and 3 ones
- C. 30 tens and 8 ones
- D. 80 tens and 3 ones

ITEM 73

Josh models numbers with cubes. Which set of cubes shows 36?



Number and Operations in Base Ten
1.NBT.B.03
Items 74 – 80

ITEM 74

Which statement correctly compares the two numbers?

A. $29 > 39$

B. $17 < 71$

C. $41 > 43$

D. $55 < 50$

ITEM 75

Choose the symbol that will create a **true** comparison.

$$61 \text{ _____ } 16$$

A. <

B. =

C. >

ITEM 76

Select the correct symbol to compare these two numbers: 88 _____ 88

A. <

B. =

C. >

D. +

ITEM 77

Select the correct symbol to compare these two numbers: 55 _____ 57

A. <

B. =

C. >

D. +

ITEM 78

Which symbol goes in the blank to compare 38 and 35?

$$38 \text{ ____ } 35$$

A. <

B. =

C. >

D. +

ITEM 79

Which comparison is correct?

A. $88 > 98$

B. $65 < 56$

C. $12 > 30$

D. $72 < 99$

ITEM 80

What sign makes the number sentence **true**?

$$17 \text{ _____ } 25$$

A. <

B. >

C. =

Number and Operations in Base Ten
1.NBT.C.04
Items 81 – 85

ITEM 81

What is $45 + 30$?

- A. 15
- B. 48
- C. 65
- D. 75**

ITEM 82

What is $44 + 7$?

A. 37

B. 51

C. 61

D. 117

ITEM 83

What is $26 + 10$?

A. 16

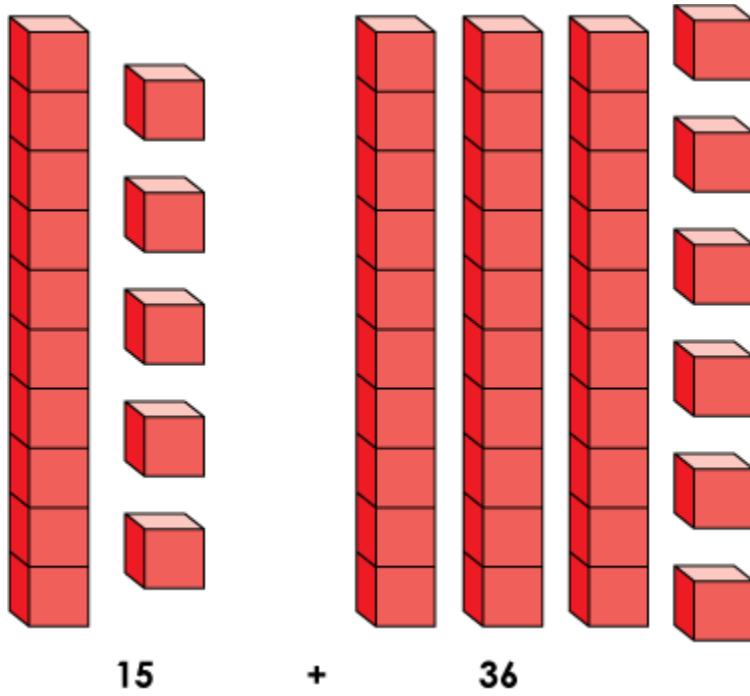
B. 27

C. 36

D. 46

ITEM 84

Use the cubes to answer the question.

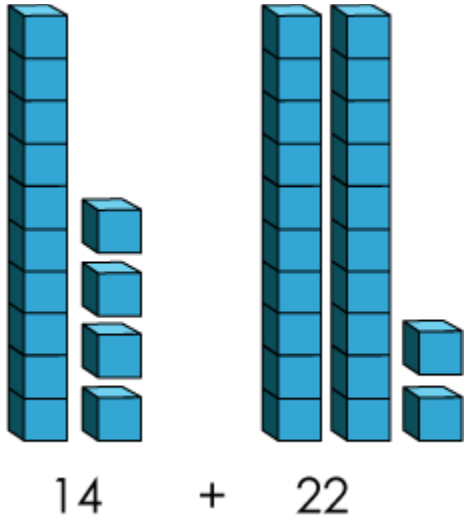


What is $15 + 36$?

- A. 41
- B. 49
- C. 51

ITEM 85

Use the cubes to answer the question.



What is $14 + 22$?

- A. 36
- B. 54
- C. 63

Number and Operations in Base Ten
1.NBT.C.04b
Items 86 – 95

ITEM 86

Enter the correct number in the blank.

The sum of $49 + 30$ is .

ITEM 87

What is the sum of $49 + 28$?

A. 21

B. 76

C. 77

D. 78

ITEM 88

Enter the correct number in the blank.

The sum of $17 + 14$ is .

ITEM 89

What is the sum of $51 + 9$?

A. 42

B. 59

C. 60

D. 61

ITEM 90

Enter the correct number in the blank.

The sum of $89 + 9$ is .

ITEM 91

What is the sum of $43 + 6$?

A. 50

B. 49

C. 48

D. 37

ITEM 92

Enter the correct number in the blank.

The sum of $17 + 50$ is .

ITEM 93

What is the sum of $66 + 30$?

- A. 36
- B. 69
- C. 86
- D. 96**

ITEM 94

Enter the correct number in the blank.

The sum of $64 + 22$ is .

ITEM 95

Find the sum. $90 + 20 = ?$

A. 70

B. 92

C. 110

D. 290

Number and Operations in Base Ten
1.NBT.C.05
Items 96 – 105

ITEM 96

Enter the correct number in the blank.

10 less than 62 is 52.

ITEM 97

Enter the correct number in the blank.

10 more than 29 is .

ITEM 98

Enter the correct number in the blank.

10 more than 74 is .

ITEM 99

Callie has 86 stickers. Her teacher gives her 10 more. How many stickers does Callie have now? Choose the correct answer that explains your thinking.

- A. 76, because $86 - 10 = 76$.
- B. 80, because $86 - 10 = 80$.
- C. 90, because $86 + 10 = 90$.
- D. 96, because $86 + 10 = 96$.

ITEM 100

Jack has 67 toy cars. He gives 10 to his cousin Blake. Jack says he has 77 cars now. Is he correct? Choose the correct answer that explains your thinking.

- A. Yes, because 10 more than 67 is 77.
- B. Yes, because 10 less than 67 is 77.
- C. No, because 10 less than 67 is 70.
- D. No, because 10 less than 67 is 57.

ITEM 101

Sophie has 41 marbles. Her dad gives her 10 more. Sophie says that she now has 51 marbles. Is she correct? Choose the correct answer that explains your thinking.

A. Yes, because $41 + 10 = 51$.

B. Yes, because $41 - 10 = 51$.

C. No, because $41 + 10 = 50$.

D. No, because $41 - 10 = 31$.

ITEM 102

What number is ten less than 22?

A. 12

B. 20

C. 30

D. 32

ITEM 103

What number is ten more than 78?

- A. 68
- B. 77
- C. 79
- D. 88**

ITEM 104

What number is ten less than 61?

A. 51

B. 60

C. 70

D. 71

ITEM 105

What number is ten more than 24?

A. 4

B. 14

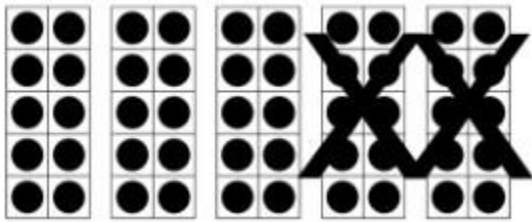
C. 34

D. 44

Number and Operations in Base Ten
1.NBT.C.06
Items 106 – 107

ITEM 106

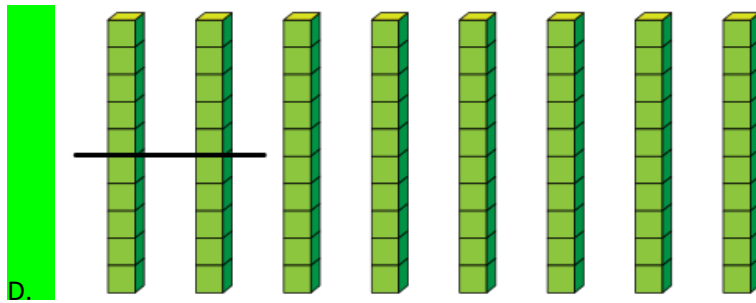
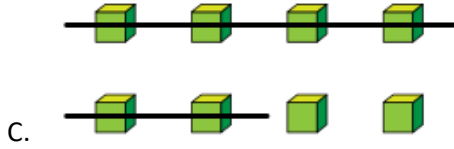
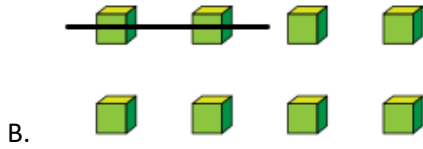
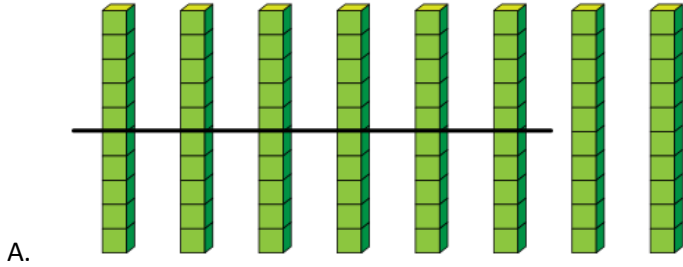
Use the model below to solve $50 - 20 = \underline{\quad}$.



- A. 70
- B. 30**
- C. 0
- D. 20

ITEM 107

Which picture represents $80 - 20 = 60$?



Measurement and Data

1.MD.A.01

Items 108 – 109

ITEM 108

Tyler has a pencil. He wants to compare the length of his pencil to objects around the room. His pencil is longer than a marker, but shorter than a ruler. Using this information, Tyler wants to line up these objects from longest to shortest. Which is correct?

A. ruler, pencil, marker

B. marker, pencil, ruler

C. ruler, marker, pencil

D. marker, ruler, pencil

ITEM 109

Alice found three things on her desk: a pencil, a paintbrush, and a paper clip. She places all three objects in a row and looks at them. She notices that the paper clip is shorter than the pencil, and that the pencil is shorter than the paintbrush. If Alice were to line up her objects in order from shortest to longest, how would she line them up?

- A. paperclip, paintbrush, pencil
- B. paperclip, pencil, paintbrush**
- C. paintbrush, pencil, paperclip
- D. pencil, paperclip, paintbrush

Measurement and Data

1.MD.B.03

Items 110 – 117

ITEM 110

Sam looked at the clock in the classroom. This is what the clock looked like:



What time is on the clock?

- A. 4:00
- B. 4:30**
- C. 5:00
- D. 5:30

ITEM 111

Blake goes to karate at 6:00. Which clock shows 6:00?



ITEM 112

The clock in Bradley's classroom looks like this:



Bradley writes the time down on his paper. What did he write?

- A. 10:30
- B. 11:30**
- C. 12:00
- D. 12:30

ITEM 113

Use the clock to answer the question.



What time does the clock show? Enter the correct number in the blank.

4:30

ITEM 114

Choose the clock in which the hands match the time to the right of the clock.



12:10

A.



6:30

C.



12:12

B.



12:20

D.

ITEM 115

Use the clock to answer the question.

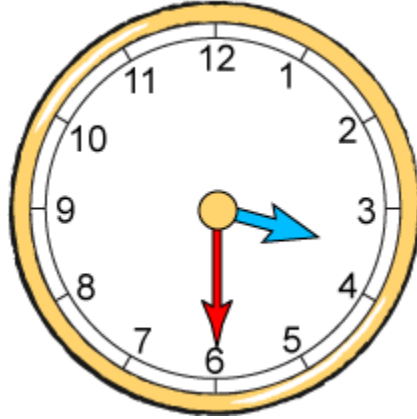


What time is shown on the clock?

- A. 6:30
- B. 7:30**
- C. 8:30

ITEM 116

Use the clock to answer the question.



What time does the clock show?

- A. 3:30
- B. 4:30
- C. 6:15

Measurement and Data

1.MD.C.04

Items 117 – 118

ITEM 117

Mr. Cooper’s students voted on their favorite fruit. Mr. Cooper recorded the votes in the table.




Fruit	Number of Votes
apples	
grapes	
bananas	

How many more students voted for grapes than bananas?

- A. 3
- B. 4**
- C. 12

ITEM 118

Tom makes an X on the chart each time he sees an animal.

Animals	
 Cat	X X X
 Dog	X X X X X
 Bird	X X

How many dogs did Tom see?

- A. 3
- B. 4
- C. 5**

Measurement and Data

1.MD.D.05

Items 119 – 125

ITEM 119

What is the value of the coins shown below?



- A. 5 cents
- B. 10 cents
- C. 25 cents**
- D. 50 cents

ITEM 120

What is the value of this group of coins?



A. 5 cents

B. 10 cents

C. 25 cents

D. 50 cents

ITEM 121

What is the value of these two coins?



- A. 2 cents
- B. 10 cents
- C. 20 cents
- D. 50 cents**

ITEM 122

What is the value of the coins shown below?



- A. 4 cents
- B. 8 cents
- C. 20 cents
- D. 40 cents**

ITEM 123



Which set of coins has the same value as a quarter?



ITEM 124

Use the coins to answer the question.



What is the value of these coins?

- A. 7¢
- B. 35¢
- C. 70¢

ITEM 125

Which set of coins is worth 30 cents?



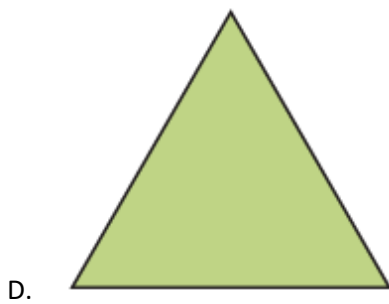
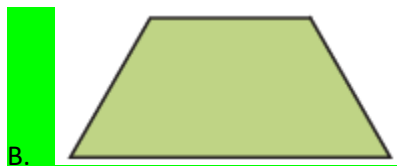
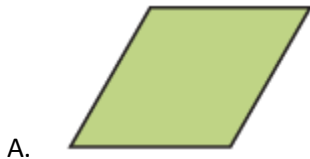
Geometry
1.G.A.02
Item 126

ITEM 126

Jacob has 3 triangle tiles.



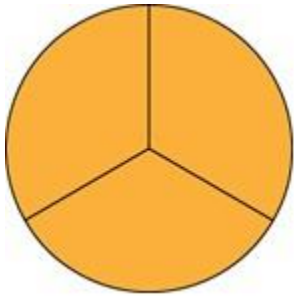
He used all 3 tiles to make a shape. Which shape did he make?



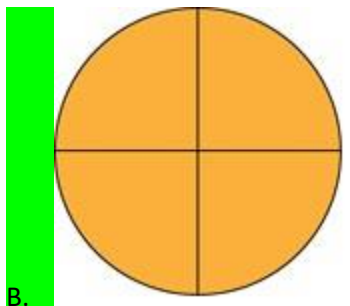
Geometry
1.G.A.03
Item 127

ITEM 127

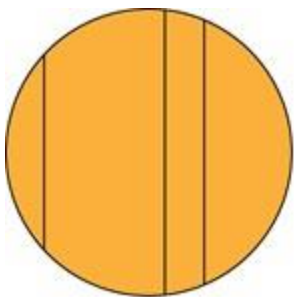
Which picture shows a circle that is cut into 4 equal pieces?



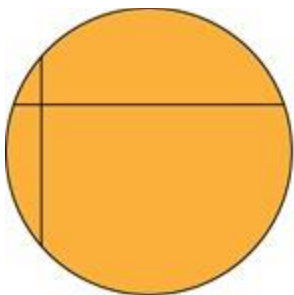
A.



B.



C.



D.