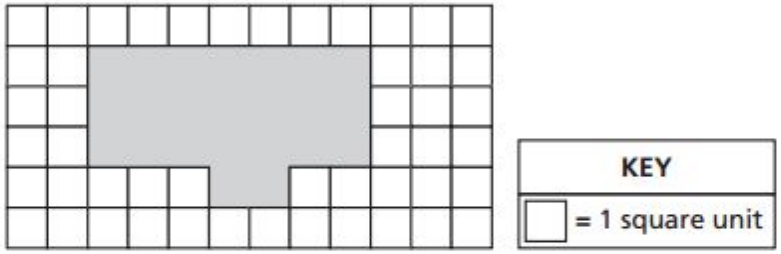
Week 1 - NWEA MAP TESTING QUESTION EXAMPLES
3rd Grade RIT 191-200

NAME:_____

1. MEASUREMENT
*Measure *Using Appropriate Rates *Perimeter, Area, Circumference, Surface Area, Volume, and Rate *Conversion

What is the area, in square units, of the shaded shape on the grid below?



A 22
B 23
C 28
D 72

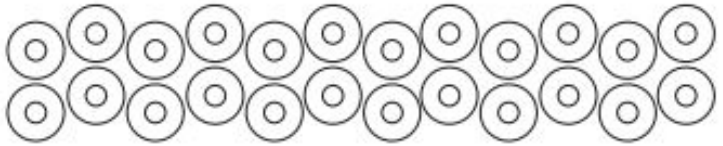
2. ALGEBRA
*Extend Patterns *Simplify Expressions *Equations & Inequalities *Coordinate Graphing *Functions and Matrices

21 + 6 + ☐ = 30

☐ = ?

A 3
B 9
C 24
D 27

3. NUMBER SENSE
*Represent *Identify *Equivalence *Count *Compare *Order *Number Theory



How many dozen doughnuts?

A. 3
B. 24
C. $2\ ^1/_2$
D. 2
E. 4

4. PROBLEM SOLVING, REASONING, PROOFS
*Understand/Represent Problems *Solution Strategies *Verify Results *Explain Reasoning

Ramon has a total of 815 sheep in two fields. He has 348 sheep in one of the fields. How Many Sheep does Ramon have in the other field

F 533
G 577
H 377
J 467

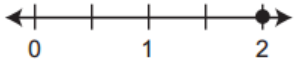
5. ESTIMATION & COMPUTATION

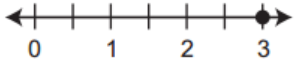
*Whole Numbers *Fractions *Decimals *Integers *Real Numbers *Rational

Vince covered $\frac{2}{1}$ cakes with frosting. He marked a point on a number line to show how many cakes he covered with frosting. Which number line shows the point Vince marked?

A.


B.


C.


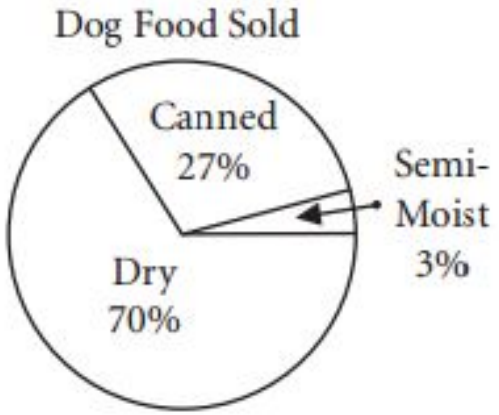
D.


6. STATISTCS AND PROBABILITY

*Organize *Interpret Graphs *Collect/Analyze Data *Interpret/Predict Using Probability *Reading

How much more of the dog food sold is dry than canned?

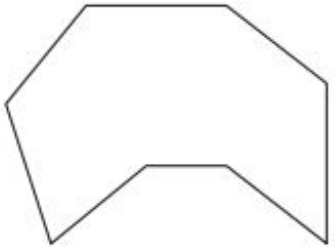
A. 40%
B. 30%
C. 33%
D. 43%
E. 70%



7. GEOMETRY

*Identify/Classify Objects *Symmetry and Transformations *Similar and Congruent Shapes *Pythagorean Theorem *Scale

Which of these figures is **NOT** an octagon?

F


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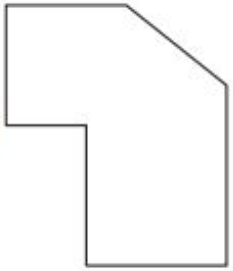

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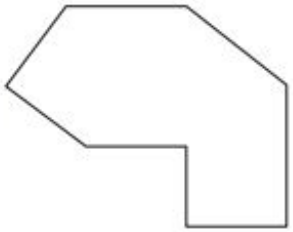
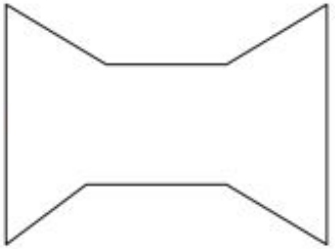


J


WEEK 1: 3rd Grade MAP RIT 191-200

TEACHER'S ANSWER KEY

CLASS RESULT BY MATH PROBLEM AFTER FORMATIVE ASSESSMENT

PROBLEM	ANSWER	PROBLEM CATEGORY	CORRECT	INCORRECT	FOCUS AREA
1	B	MEASUREMENT			[ ]
2	A	ALGEBRA			[ ]
3	D	NUMBER SENSE			[ ]
4	J	PROBLEM SOLVING, REASONING, PROOFS			[ ]
5	C	ESTIMATION AND COMPUTATION			[ ]
6	D	STATISTICS AND PROBABLILITY			[ ]
7	H	GEOMETRY			[ ]

Week 3 - NWEA MAP TESTING QUESTION EXAMPLES
3rd Grade RIT 191-200

NAME:_____

1. MEASUREMENT
*Measure *Using Appropriate Rates *Perimeter, Area, Circumference, Surface Area, Volume, and Rate *Conversion

Dennis wants to buy carpet for the rectangular floor of his living room. The room is 12 feet long and 16 feet wide. What is the area, in square feet, of the living room floor?

A 28
B 56
C 182
D 192

2. ALGEBRA
*Extend Patterns *Simplify Expressions *Equations & Inequalities *Coordinate Graphing *Functions and Matrices

Look at the number sentence below.

$$67 + \square = 121$$

Which number will make the number sentence true?

A 54
B 56
C 64
D 68

3. NUMBER SENSE
*Represent *Identify *Equivalence *Count *Compare *Order *Number Theory

Which sign goes in the box to make the number sentence true?

$$48 \square 6 = 8$$

A +
B −
C ×
D ÷

4. PROBLEM SOLVING, REASONING, PROOFS
*Understand/Represent Problems *Solution Strategies *Verify Results *Explain Reasoning

Suzana is making a fruit salad. She buys 2 bananas, 3 apples, 1 pear, and 25 grapes. She paid $3.82 for the fruit. How many pieces of fruit did she buy?

What information do you <u>not</u> need to know to solve this problem?

A. 2 bananas
B. 3 apples
C. 1 pear
D. 25 grapes
E. $3.82

5. ESTIMATION & COMPUTATION

*Whole Numbers *Fractions *Decimals *Integers *Real Numbers *Rational

Reggie compared the prices of two radios. The table below shows the prices.

Cost of Radios

Brand	Cost
A	$31.47
B	$34.71

How much more does Brand B cost than Brand A?

A $3.24

B $3.26

C $3.34

D $3.36

6. STATISTCS AND PROBABILITY

*Organize *Interpret Graphs *Collect/Analyze Data *Interpret/Predict Using Probability *Reading

The table below shows the number of songs of different types that Maricela has on her music player.

Music Player

Type of Song	Number of Songs
Pop	35
Jazz	27
Country	17
Rap	21

If Maricela chooses one of these songs at random, which statement is true?

A It is equally likely to be a jazz song or a rap song.

B It is least likely to be a country song.

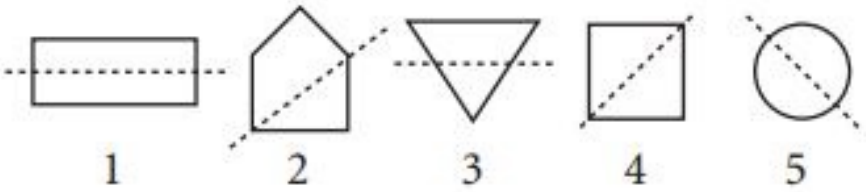
C It is equally likely to be a country song or a jazz song.

D It is certain to be a pop song.

7. GEOMETRY

*Identify/Classify Objects *Symmetry and Transformations *Similar and Congruent Shapes *Pythagorean Theorem *Scale

Which figures show a line of symmetry?



A. 1, 4, and 5

B. 2, 4, and 5

C. 4 and 5

D. 1 and 4

E. 2, 3, and 4

WEEK 3: 3rd Grade MAP RIT 191-200

TEACHER'S ANSWER KEY

CLASS RESULT BY MATH PROBLEM AFTER FORMATIVE ASSESSMENT

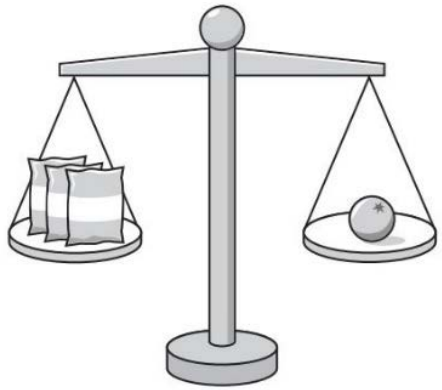
PROBLEM	ANSWER	PROBLEM CATEGORY	CORRECT	INCORRECT	FOCUS AREA
1	D	MEASUREMENT			[ ]
2	A	ALGEBRA			[ ]
3	D	NUMBER SENSE			[ ]
4	E	PROBLEM SOLVING, REASONING, PROOFS			[ ]
5	A	ESTIMATION AND COMPUTATION			[ ]
6	B	STATISTICS AND PROBABLILITY			[ ]
7	A	GEOMETRY			[ ]

Week 5- NWEA MAP TESTING QUESTION EXAMPLES
3rd Grade RIT 191-200

NAME:_____

1. MEASUREMENT
*Measure *Using Appropriate Rates *Perimeter, Area, Circumference, Surface Area, Volume, and Rate *Conversion

A bag of rice cakes weighs 3 ounces. Three bags of rice cakes weigh the same as one orange.



What is the best estimate of the weight of the orange?

A 3 ounces
B 9 ounces
C 12 ounces
D 18 ounces

2. ALGEBRA
*Extend Patterns *Simplify Expressions *Equations & Inequalities *Coordinate Graphing *Functions and Matrices

Reese and Jay each correctly used a different number sentence to solve the same problem. Reese used this number sentence:

$$13 \times 4 = 52$$

Which of the following number sentences could Jay have used?

A $13 + 4 = 17$
B $52 - 13 = 39$
C $52 \div 4 = 13$
D $13 \div 52 = 4$

3. NUMBER SENSE
*Represent *Identify *Equivalence *Count *Compare *Order *Number Theory

What is 1413 rounded to the nearest hundred?

A 1000
B 1400
C 1410
D 1500

4. PROBLEM SOLVING, REASONING, PROOFS
*Understand/Represent Problems *Solution Strategies *Verify Results *Explain Reasoning

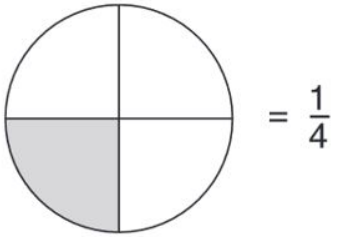
Mrs. Lanier saved $617 in January. In February she spent $249 of the money she had saved. She saved $291 more in March. Which number sentence can be used to find the amount of money Mrs. Lanier had at the end of March?

F 617 + 249 – 291 = ☐
G 617 + 249 + 291 = ☐
H 617 – 249 – 291 = ☐
J 617 – 249 + 291 = ☐

5. ESTIMATION & COMPUTATION

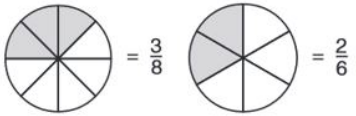
*Whole Numbers *Fractions *Decimals *Integers *Real Numbers *Rational

The circle shows $\frac{1}{4}$ shaded.

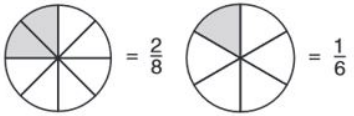


$= \frac{1}{4}$

Which fractional part of a circle is equal to $\frac{1}{4}$?



A C



B D

6. STATISTCS AND PROBABILITY

*Organize *Interpret Graphs *Collect/Analyze Data *Interpret/Predict Using Probability *Reading

The table below shows the number of towns in five Texas counties.

Texas Counties

County	Number of Towns
Brown	21
Galveston	37
Hill	29
Dallas	72
Montgomery	46

What is the best estimate of the total number of towns in Galveston, Dallas, and Montgomery Counties?

A 300

B 160

C 140

D 170

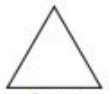
7. GEOMETRY

*Identify/Classify Objects *Symmetry and Transformations *Similar and Congruent Shapes *Pythagorean Theorem *Scale

All the sides of Figure X are congruent. All the sides of Figure Y are congruent. The length of one side of each figure is shown below.

Figure X

Figure Y



Which statement about the perimeters of these figures is true?

F The perimeter of Figure X is 1 centimeter less than the perimeter of Figure Y.

G The perimeter of Figure X is 3 centimeters more than the perimeter of Figure Y.

H The perimeter of Figure X is 5 centimeters less than the perimeter of Figure Y.

J The perimeter of Figure X is 11 centimeters more than the perimeter of Figure Y.

WEEK 5: 3rd Grade MAP RIT 191-200

TEACHER'S ANSWER KEY

CLASS RESULT BY MATH PROBLEM AFTER FORMATIVE ASSESSMENT

PROBLEM	ANSWER	PROBLEM CATEGORY	CORRECT	INCORRECT	FOCUS AREA
1	B	MEASUREMENT			[ ]
2	C	ALGEBRA			[ ]
3	B	NUMBER SENSE			[ ]
4	J	PROBLEM SOLVING, REASONING, PROOFS			[ ]
5	B	ESTIMATION AND COMPUTATION			[ ]
6	B	STATISTICS AND PROBABLILITY			[ ]
7	G	GEOMETRY			[ ]

Week 7- NWEA MAP TESTING QUESTION EXAMPLES
3rd Grade RIT 191-200

NAME:_____

1. MEASUREMENT *Measure *Using Appropriate Rates *Perimeter, Area, Circumference, Surface Area, Volume, and Rate *Conversion

Quinn volunteers at a hospital every Saturday from 4:35 P.M. to 6:15 P.M. Which clock shows a time when Quinn is volunteering at the hospital?

F 

H 

G 

J 

2. ALGEBRA *Extend Patterns *Simplify Expressions *Equations & Inequalities *Coordinate Graphing *Functions and Matrices

Alexis read 63 pages of a book in seven days. She read an equal number of pages each day. The equation below can be used to find the total number of pages she read each day.

$63 \div 7 = \underline{\quad ? \quad}$

What is the total number of pages Alexis read each day?

A 8

B 9

C 56

D 70

3. NUMBER SENSE *Represent *Identify *Equivalence *Count *Compare *Order *Number Theory

How is eight thousand, seventy-six written in standard form?

A 8067

B 8076

C 8706

D 8760

4. PROBLEM SOLVING, REASONING, PROOFS *Understand/Represent Problems *Solution Strategies *Verify Results *Explain Reasoning

Jonas has 18 packages of gum that each contain 5 pieces. Jonas gives 16 pieces of gum to his friends. Which number sentence shows one way to find the number of pieces of gum Jonas has left?

A $18 + 16 + 5 = 39$

B $18 \times 5 - 16 = 74$

C $18 + 16 - 5 = 29$

D $18 \times 5 + 16 = 106$

5. ESTIMATION & COMPUTATION

*Whole Numbers *Fractions *Decimals *Integers *Real Numbers *Rational

$$9000 - 3782 =$$

A 5218

B 5328

C 6782

D 12,782

6. STATISTCS AND PROBABILITY

*Organize *Interpret Graphs *Collect/Analyze Data *Interpret/Predict Using Probability *Reading

The table below shows the number of coats and sweaters donated during a clothing drive.

Clothing Drive

Day	Coats	Sweaters
Wednesday	83	31
Thursday	58	14
Friday	71	50

What is the difference between the number of coats and the number of sweaters donated during the clothing drive?

F 307

G 127

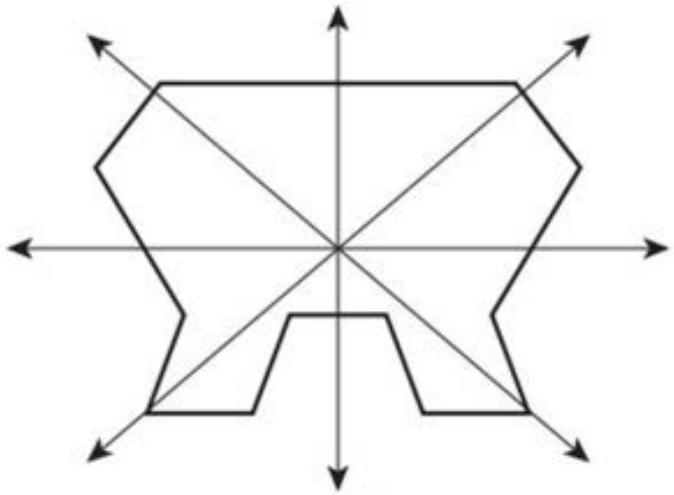
H 117

J 227

7. GEOMETRY

*Identify/Classify Objects *Symmetry and Transformations *Similar and Congruent Shapes *Pythagorean Theorem *Scale

How many lines of symmetry does this figure have?



A 1

B 2

C 3

D 4

WEEK 7: 3rd Grade MAP RIT 191-200

TEACHER'S ANSWER KEY

CLASS RESULT BY MATH PROBLEM AFTER FORMATIVE ASSESSMENT

PROBLEM	ANSWER	PROBLEM CATEGORY	CORRECT	INCORRECT	FOCUS AREA
1	F	MEASUREMENT			[ ]
2	B	ALGEBRA			[ ]
3	B	NUMBER SENSE			[ ]
4	B	PROBLEM SOLVING, REASONING, PROOFS			[ ]
5	A	ESTIMATION AND COMPUTATION			[ ]
6	H	STATISTICS AND PROBABLILITY			[ ]
7	A	GEOMETRY			[ ]

Week 9- NWEA MAP TESTING QUESTION EXAMPLES
3rd Grade RIT 191-200

NAME:_____

1. MEASUREMENT
*Measure *Using Appropriate Rates *Perimeter, Area, Circumference, Surface Area, Volume, and Rate *Conversion

Which is the most reasonable length of a bed?

A 6 feet

B 6 inches

C 6 meters

D 6 centimeters

2. ALGEBRA
*Extend Patterns *Simplify Expressions *Equations & Inequalities *Coordinate Graphing *Functions and Matrices

In the equations below, each △ represents the same number.

◯ + △ = 11

△ × △ = 9

What is the value of ◯?

A 3

B 2

C 8

D 9

3. NUMBER SENSE
*Represent *Identify *Equivalence *Count *Compare *Order *Number Theory

What does the 3 represent in the number below?

3051

A 3

B 30

C 300

D 3000

4. PROBLEM SOLVING, REASONING, PROOFS
*Understand/Represent Problems *Solution Strategies *Verify Results *Explain Reasoning

Lisa rented 4 videotapes for $4.80. How much did each tape cost to rent?

A $1.20

B $8.80

C $12.00

D $19.20

5. ESTIMATION & COMPUTATION

*Whole Numbers *Fractions *Decimals *Integers *Real Numbers *Rational

There were 3409 pieces of candy in a jar. If 145 pieces were red and the rest were blue, how many were blue?

A 3244

B 3264

C 3344

D 3364

6. STATISTCS AND PROBABILITY

*Organize *Interpret Graphs *Collect/Analyze Data *Interpret/Predict Using Probability *Reading

A spinner landed on "Red" 6 times, "Blue" 4 times, and "Green" 5 times. Which tally chart shows these results?

Spin Results	
Red	𝍸 | |
Blue	| | | |
Green	𝍸 |

A

Spin Results	
Red	𝍸
Blue	| | | |
Green	𝍸 |

C

Spin Results	
Red	𝍸 |
Blue	| | | |
Green	𝍸

B

Spin Results	
Red	| | | |
Blue	𝍸
Green	𝍸 |

D

7. GEOMETRY

*Identify/Classify Objects *Symmetry and Transformations *Similar and Congruent Shapes *Pythagorean Theorem *Scale

Mandy drew a quadrilateral that is a rhombus but not a square. Which quadrilateral could be the one that Mandy drew?

A. 

B. 

C. 

D. 

WEEK 9: 3rd Grade MAP RIT 191-200

TEACHER'S ANSWER KEY

CLASS RESULT BY MATH PROBLEM AFTER FORMATIVE ASSESSMENT

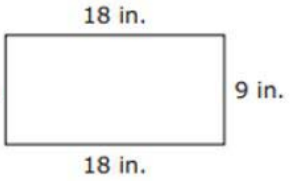
PROBLEM	ANSWER	PROBLEM CATEGORY	CORRECT	INCORRECT	FOCUS AREA
1	A	MEASUREMENT			[ ]
2	C	ALGEBRA			[ ]
3	D	NUMBER SENSE			[ ]
4	A	PROBLEM SOLVING, REASONING, PROOFS			[ ]
5	B	ESTIMATION AND COMPUTATION			[ ]
6	B	STATISTICS AND PROBABLILITY			[ ]
7	D	GEOMETRY			[ ]

Week 11- NWEA MAP TESTING QUESTION EXAMPLES NAME:_____
3rd Grade RIT 191-200

1. MEASUREMENT *Measure *Using Appropriate Rates *Perimeter, Area, Circumference, Surface Area, Volume, and Rate *Conversion

Steven has a wall decoration with a perimeter of 54 inches. Which figure could **NOT** represent Steven's wall decoration?

F



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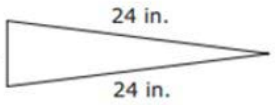

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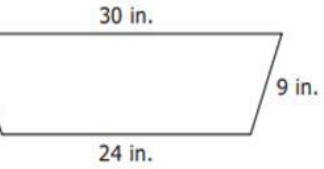
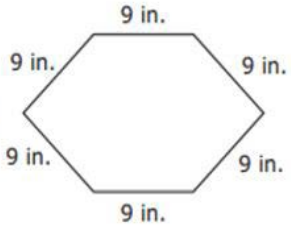


J



2. ALGEBRA *Extend Patterns *Simplify Expressions *Equations & Inequalities *Coordinate Graphing *Functions and Matrices

Which expression has the same value as $(8 \times 5) + (8 \times 3)$?

A 8×8

B 8×15

C $16 + 8$

D $13 + 11$

3. NUMBER SENSE *Represent *Identify *Equivalence *Count *Compare *Order *Number Theory

Which number has a 4 in the tens place and a 4 in the hundreds place?

A 6424

B 6244

C 4462

D 6442

4. PROBLEM SOLVING, REASONING, PROOFS *Understand/Represent Problems *Solution Strategies *Verify Results *Explain Reasoning

The table below shows the number of dog treats in different numbers of bags.

Dog Treats

Number of Bags	Number of Dog Treats
2	4
6	12
13	
20	40
25	50

Each bag contains the same number of dog treats. What is one way to find the number of dog treats in 13 of the bags?

F Find the product of 13 and 3

G Find the difference between 50 and 40

H Find the sum of 4 and 12

J Find the product of 2 and 13

5. ESTIMATION & COMPUTATION

*Whole Numbers *Fractions *Decimals *Integers *Real Numbers *Rational

A pie was divided into fifths. Emily ate 1/5 of the pie. Ton ate 2/5 of the pie. Jenny ate 1/5 of the pie. How much of the pie was left?

A 4/5

B 3/5

C 2/5

D 1/5

6. STATISTCS AND PROBABILITY

*Organize *Interpret Graphs *Collect/Analyze Data *Interpret/Predict Using Probability *Reading

Mr. Watkins takes 4 trips every year. Which table shows the total number of trips Mr. Watkins takes in 5, 7, and 12 years?

F

Trips

Number of Years	Total Number of Trips
5	20
7	24
12	28

H

Trips

Number of Years	Total Number of Trips
5	4
7	8
12	12

G

Trips

Number of Years	Total Number of Trips
5	9
7	11
12	16

J

Trips

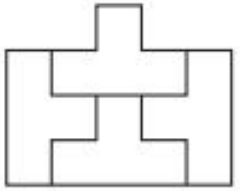
Number of Years	Total Number of Trips
5	20
7	28
12	48

7. GEOMETRY

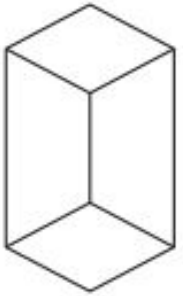
*Identify/Classify Objects *Symmetry and Transformations *Similar and Congruent Shapes *Pythagorean Theorem *Scale

Which figure appears to be made of 4 congruent sections?

F



H



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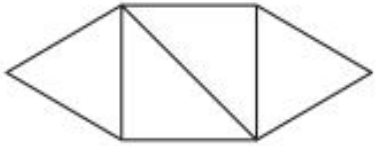

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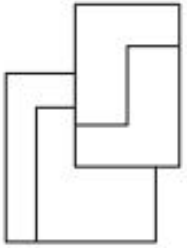


WEEK 11: 3rd Grade MAP RIT 191-200

TEACHER'S ANSWER KEY

CLASS RESULT BY MATH PROBLEM AFTER FORMATIVE ASSESSMENT

PROBLEM	ANSWER	PROBLEM CATEGORY	CORRECT	INCORRECT	FOCUS AREA
1	H	MEASUREMENT			[ ]
2	A	ALGEBRA			[ ]
3	D	NUMBER SENSE			[ ]
4	J	PROBLEM SOLVING, REASONING, PROOFS			[ ]
5	D	ESTIMATION AND COMPUTATION			[ ]
6	J	STATISTICS AND PROBABLILITY			[ ]
7	F	GEOMETRY			[ ]

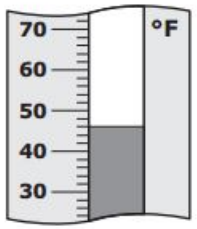
Week 13- NWEA MAP TESTING QUESTION EXAMPLES
3rd Grade RIT 191-200

NAME:_____

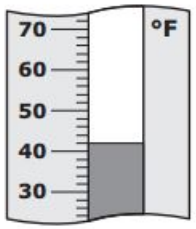
1. MEASUREMENT *Measure *Using Appropriate Rates *Perimeter, Area, Circumference, Surface Area, Volume, and Rate *Conversion

The low temperature on Monday was 41°F. The low temperature on Tuesday was 43°F. Which thermometer shows the low temperature on Tuesday?

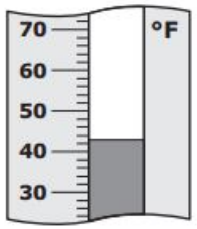
A



C



B



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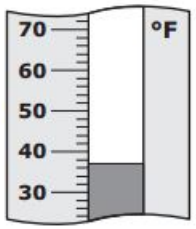


2. ALGEBRA *Extend Patterns *Simplify Expressions *Equations & Inequalities *Coordinate Graphing *Functions and Matrices

Alex sorted 20 toy cars into 4 groups with the same number of cars in each group. Which expression represents the number of toy cars in each group?

A 20×4

B $20 + 4$

C $20 \div 4$

D $20 - 4$

3. NUMBER SENSE *Represent *Identify *Equivalence *Count *Compare *Order *Number Theory

Which of the following is the same as 8024?

A eight hundred twenty-four

B eight thousand twenty-four

C eight thousand two hundred four

D eighty thousand two hundred four

4. PROBLEM SOLVING, REASONING, PROOFS *Understand/Represent Problems *Solution Strategies *Verify Results *Explain Reasoning

Which story problem can be solved using the expression 3×4?

A. Missy, Margo, and Davis buy some pears at the store.
They each buy 4 pears.
How many pears do they have altogether?

B. Missy lives 3 miles from school.
Kerry lives 4 miles from school.
How much farther does Kerry live from school than Missy?

C. Missy, Liz, Dao, and Larry have a total of 4 feet of rope.
They each have the same length of rope.
How much rope does each person have?

D. Missy has 3 pounds of strawberries.
She gives the same amount to each of 4 friends.
How many pounds of strawberries does each friend get?

5. ESTIMATION & COMPUTATION

*Whole Numbers *Fractions *Decimals *Integers *Real Numbers *Rational

$$\frac{1}{4}+\frac{2}{4}=$$

A $\frac{6}{6}$

B $\frac{2}{6}$

C $\frac{2}{3}$

D $\frac{3}{4}$

6. STATISTCS AND PROBABILITY

*Organize *Interpret Graphs *Collect/Analyze Data *Interpret/Predict Using Probability *Reading

The table below shows the number of airplanes that landed in different numbers of hours at an airport.

Airport

Number of Hours	Number of Airplanes
2	20
5	50
9	
10	100

The same number of airplanes landed each hour. How many airplanes landed in 9 hours at the airport?

A 80, because 50 + 30 = 80

B 45, because 9 × 5 = 45

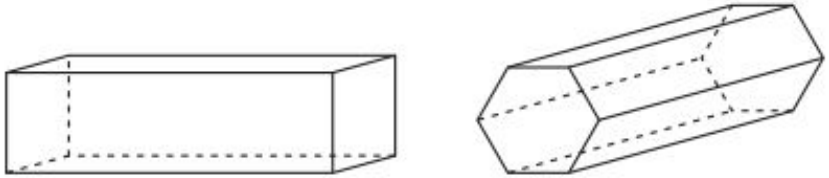
C 90, because 9 × 10 = 90

D 50, because 100 – 50 = 50

7. GEOMETRY

*Identify/Classify Objects *Symmetry and Transformations *Similar and Congruent Shapes *Pythagorean Theorem *Scale

A pair of three-dimensional figures is shown below.



What is the difference between the numbers of edges on these figures?

A 6

B 4

C 12

D 2

WEEK 13: 3rd Grade MAP RIT 191-200

TEACHER'S ANSWER KEY

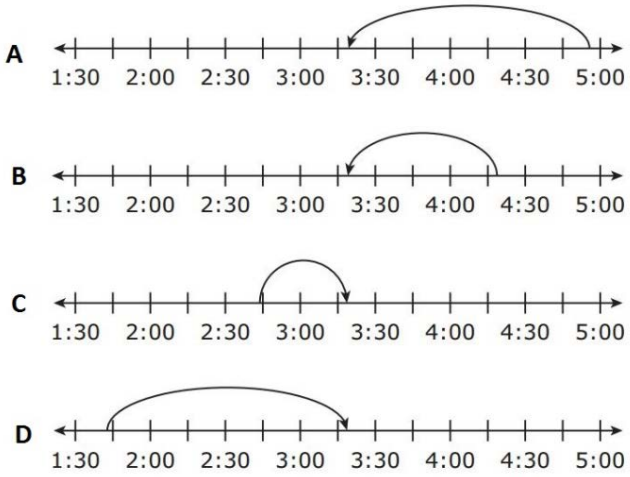
CLASS RESULT BY MATH PROBLEM AFTER FORMATIVE ASSESSMENT

PROBLEM	ANSWER	PROBLEM CATEGORY	CORRECT	INCORRECT	FOCUS AREA
1	B	MEASUREMENT			[ ]
2	C	ALGEBRA			[ ]
3	B	NUMBER SENSE			[ ]
4	A	PROBLEM SOLVING, REASONING, PROOFS			[ ]
5	D	ESTIMATION AND COMPUTATION			[ ]
6	C	STATISTICS AND PROBABLILITY			[ ]
7	D	GEOMETRY			[ ]

Week 15- NWEA MAP TESTING QUESTION EXAMPLES NAME:_____
3rd Grade RIT 191-200

1. MEASUREMENT *Measure *Using Appropriate Rates *Perimeter, Area, Circumference, Surface Area, Volume, and Rate *Conversion

Colin finished writing a report at 3:20 p.m. He wrote for 1 hour and 36 minutes. Which time number line best represents this situation?



2. ALGEBRA *Extend Patterns *Simplify Expressions *Equations & Inequalities *Coordinate Graphing *Functions and Matrices

The table below shows the relationship between the number of red stars and the number of white stars Adyssen drew on different posters.

Posters

Number of White Stars	7	10		19
Number of Red Stars	28	31	35	40

Based on the pattern in the table, which number sentence can be used to find the number of white stars Adyssen drew if she drew 35 red stars on a poster?

F $19 - 10 = 9$

G $35 - 21 = 14$

H $7 + 10 = 17$

J $10 + 3 = 13$

3. NUMBER SENSE *Represent *Identify *Equivalence *Count *Compare *Order *Number Theory

Which digit is in the hundreds place in the number 3174?

A 1

B 3

C 4

D 7

4. PROBLEM SOLVING, REASONING, PROOFS *Understand/Represent Problems *Solution Strategies *Verify Results *Explain Reasoning

Adam has $5.00 to buy an airplane that costs $4.28. How much change should he get back?

A 70¢

B 72¢

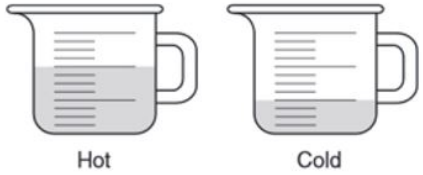
C 75¢

D 82¢

5. ESTIMATION & COMPUTATION

*Whole Numbers *Fractions *Decimals *Integers *Real Numbers *Rational

Jorge is making gelatin. He adds $\frac{2}{3}$ of a cup of hot water to a bowl. Then he adds $\frac{1}{3}$ of a cup of cold water. How much water does he add all together?



A $\frac{1}{3}$ of a cup of water

B $\frac{3}{6}$ of a cup of water

C 1 cup of water

D 3 cups of water

6. STATISTCS AND PROBABILITY

*Organize *Interpret Graphs *Collect/Analyze Data *Interpret/Predict Using Probability *Reading

The pattern of shapes below was created using a rule.

△■△■○△■△■○△■△■○△■△■○

Which pattern of shapes was created using the same rule?

F ☺♥☺◇☺♥☺◇☺♥☺◇☺♥☺◇☺♥☺◇

G ⬡■⬡■⬡■⬡■⬡■⬡■⬡■⬡■⬡■⬡■

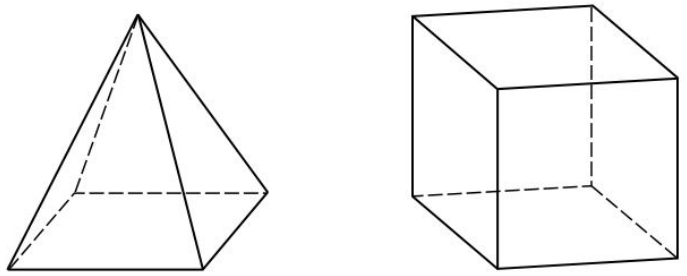
H ☆●☆◺⬠☆●☆◺⬠☆●☆◺⬠☆●☆◺⬠

J ✿▼✿▼○✿▼✿▼○✿▼✿▼○✿▼✿▼○

7. GEOMETRY

*Identify/Classify Objects *Symmetry and Transformations *Similar and Congruent Shapes *Pythagorean Theorem *Scale

A pyramid and a cube are shown.



Which statement is true about the two objects?

- ○ A. All faces on each object are the same shape.
- ○ B. The pyramid has more vertices than the cube.
- ○ C. The cube has more faces than the pyramid.

WEEK 15: 3rd Grade MAP RIT 191-200

TEACHER'S ANSWER KEY

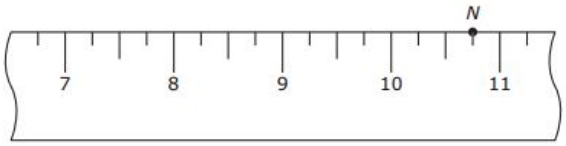
CLASS RESULT BY MATH PROBLEM AFTER FORMATIVE ASSESSMENT

PROBLEM	ANSWER	PROBLEM CATEGORY	CORRECT	INCORRECT	FOCUS AREA
1	D	MEASUREMENT			[ ]
2	G	ALGEBRA			[ ]
3	A	NUMBER SENSE			[ ]
4	B	PROBLEM SOLVING, REASONING, PROOFS			[ ]
5	C	ESTIMATION AND COMPUTATION			[ ]
6	J	STATISTICS AND PROBABLILITY			[ ]
7	C	GEOMETRY			[ ]

Week 17- NWEA MAP TESTING QUESTION EXAMPLES NAME:_____
3rd Grade RIT 191-200

1. MEASUREMENT *Measure *Using Appropriate Rates *Perimeter, Area, Circumference, Surface Area, Volume, and Rate *Conversion

What number does point *N* represent on the ruler below?



F $10\frac{3}{4}$

G $11\frac{1}{4}$

H 11

J $11\frac{3}{4}$

2. ALGEBRA *Extend Patterns *Simplify Expressions *Equations & Inequalities *Coordinate Graphing *Functions and Matrices

Which of these equations is true when $q = 8$?

A $2 \times q = 4$

B $2 \times q = 16$

C $6 \div q = 2$

D $12 \div q = 4$

3. NUMBER SENSE *Represent *Identify *Equivalence *Count *Compare *Order *Number Theory

Which set of numbers is in order from greatest to least?

A 147, 163, 234, 275

B 275, 234, 163, 147

C 275, 163, 234, 147

D 163, 275, 234, 147

4. PROBLEM SOLVING, REASONING, PROOFS *Understand/Represent Problems *Solution Strategies *Verify Results *Explain Reasoning

If each ball costs $1.54, how much must Kyoko pay for three balls?

A $4.62

B $15.40

C $31.54

D $46.20

5. ESTIMATION & COMPUTATION

*Whole Numbers *Fractions *Decimals *Integers *Real Numbers *Rational

The town of Milburg has 5256 grown-ups and 2987 children. How many people live in Milburg?

A 7133

B 8133

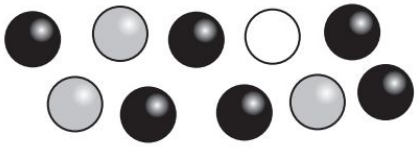
C 8243

D 8343

6. STATISTCS AND PROBABILITY

*Organize *Interpret Graphs *Collect/Analyze Data *Interpret/Predict Using Probability *Reading

Miriam put 10 marbles in a paper sack. Six of the marbles were black, three were gray, and one was white.



Miriam closed her eyes and took one marble out of the sack. Is it certain, likely, unlikely, or impossible that the marble she picked was white?

A certain

B likely

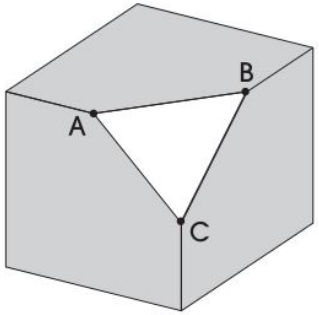
C unlikely

D impossible

7. GEOMETRY

*Identify/Classify Objects *Symmetry and Transformations *Similar and Congruent Shapes *Pythagorean Theorem *Scale

. Daniel cut the corner off a cube as shown in the diagram below.



Points A, B and C are the midpoints of the edges of the cube. What type of three-dimensional figure has been cut off?

A. cone

B. cube

C. triangular prism

D. triangular pyramid

WEEK 17: 3rd Grade MAP RIT 191-200

TEACHER'S ANSWER KEY

CLASS RESULT BY MATH PROBLEM AFTER FORMATIVE ASSESSMENT

PROBLEM	ANSWER	PROBLEM CATEGORY	CORRECT	INCORRECT	FOCUS AREA
1	F	MEASUREMENT			[ ]
2	B	ALGEBRA			[ ]
3	B	NUMBER SENSE			[ ]
4	A	PROBLEM SOLVING, REASONING, PROOFS			[ ]
5	C	ESTIMATION AND COMPUTATION			[ ]
6	C	STATISTICS AND PROBABLILITY			[ ]
7	D	GEOMETRY			[ ]

3rd Grade MAP

RIT 191-200

STUDENT SELF REFLECTION SHEET

1. **PLACE A ✓ IN THE SQUARE IF YOU GOT THE QUESTION CORRECT**

2. **AREAS WITHOUT A MARK WILL HELP YOU SEE WHAT AREA YOU NEED PRACTICE WITH**

QUIZ QUESTION	PROBLEM CATEGORY	QUIZ 1	QUIZ 2	QUIZ 3	QUIZ 4	QUIZ 5	QUIZ 6	QUIZ 7	QUIZ 8	QUIZ 9
1	MEASUREMENT									
2	ALGEBRA									
3	NUMBER SENSE									
4	PROBLEM SOLVING, REASONING, PROOFS									
5	ESTIMATION AND COMPUTATION									
6	STATISTICS AND PROBABLILITY									
7	GEOMETRY									