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DIRECTIONS: Read each question. Choose the BEST answer for each question.
NOTE: For each item listed throughout this booklet, the first statement is a summary of the Michigan Extended Grade Level Content Expectation (EGLCE) and the second statement or problem is the descriptor for the item’s stem or question.

1  N.MR.04.FI.EG09: Create, describe, and extend simple number patterns

Determine next number in skip-counting pattern

A  added one to previous number
B  correct
C  over by 5

2  N.MR.04.FI.EG09: Create, describe, and extend simple number patterns

Determine next number in skip-counting pattern

A  under by 8
B  under by 8
C  correct

3  M.UN.04.FI.EG03: Measure lengths to the nearest inch

Measure length to nearest inch

A  one inch less than correct length
B  correct
C  two inches less than correct length

4  M.UN.04.FI.EG01: Select and use standard tools for measurement

Identify tool used to measure volume

A  correct
B  tool used to measure length
C  tool used to measure temperature
5 **M.PS.04.FI.EG04**: Measure and compare lengths and weights

Compare lengths of two objects

A incorrect comparison
B incorrect comparison
C correct

6 **M.PS.04.FI.EG06**: Solve one-step word problems

Add two weights

A subtracted
B correct
C twice the second addend

7 **G.GS.04.FI.EG01**: Identify, describe, and compare two-dimensional shapes

Determine number of sides in polygon

A correct
B one more than total
C two more than total

8 **G.LO.04.FI.EG02**: Describe and use relative position of objects on a plane and in space

Determine relative position of two objects

A correct
B incorrect position
C incorrect position

9 **M.UN.04.FI.EG08**: Match denominations of coins or bills

Given photo of coins, match to photo with same value

A two nickels too many
B one nickel (or 5 pennies) under
C correct

10 **M.UN.04.FI.EG07**: Identify different denominations of coins and bills

Identify photo of bill that is worth enough for given purchase

A bill with least value
B bill with insufficient value
C correct
11 M.PS.04.FI.EG09: Tell the amount of money
Determine how much money is shown
A each bill = $1
B correct
C counted 5-dollar bill as $10

12 M.PS.04.FI.EG10: Add and subtract money in dollars only or in cents only
Add money in cents
A subtracted
B incorrect addition in tens place
C correct

13 M.UN.04.FI.EG02: Select appropriate units of measure
Determine unit used to measure length
A unit of measure for temperature
B correct
C unit of measure for time

14 M.UN.04.FI.EG05: Tell time on a radial or digital clock to the hour
Tell time on radial clock
A one hour under
B correct
C one hour over

15 D.RE.04.FI.EG03: Solve problems using data in tables, graphs, tallies, and pictographs
Read pictograph with scale of 1
A sum of first two categories, not all three
B sum of last two categories, not all three
C correct

16 D.RE.04.FI.EG02: Read tables, graphs, tallies, and pictographs
Interpret bar graph
A number of categories
B included other category in total
C included other category in total
17 **N.ME.04.FI.EG01:** Read, write, and count whole numbers to 1,000

Determine number of shapes shown

A  under by 1
B  correct
C  over by 1

18 **N.ME.04.FI.EG02:** Recognize equivalent representations for whole numbers to 1,000

Determine addition expression that sums to given total

A  correct
B  over by 2
C  over by 1

19 **N.ME.04.FI.EG05:** Compare and order numbers to 1,000

Identify number greater than given number

A  number with least value
B  less than given number
C  correct

20 **N.ME.04.FI.EG04:** Express numbers to 1,000 using place value

Translate standard form to expanded form

A  abc = a + b + c
B  abc = a00 + b + c
C  correct

21 **N.ME.04.FI.EG07:** Use ordinals to identify position in a sequence

Identify ordinal position of object

A  object shown n times
B  correct
C  object that is not a candidate

22 **N.ME.04.FI.EG08:** Identify and place whole numbers on a number line that begins at zero

Identify missing value on number line

A  correct
B  shown value
C  shown value
23 N.ME.04.FI.EG03: Represent whole numbers to 1,000

Given key, identify diagram that shows number

A correct
B hundreds and tens = ones
C ones = hundreds hundreds = ones

24 N.ME.04.FI.EG03: Represent whole numbers to 1,000

Given key, identify number that matches diagram

A total number of blocks
B under by 40
C correct

25 N.MR.04.FI.EG13: Model addition and subtraction for numbers less than 100

Translate context to subtraction number sentence

A correct
B addition sentence with given values
C addition sentence with one of given values

26 N.FL.04.FI.EG11: Add and subtract two numbers with 1 or 2 digits each

Subtract two 1-digit numbers

A incorrect subtraction
B correct
C subtrahend

27 N.MR.04.FI.EG13: Model addition and subtraction for numbers less than 100

Translate addition sentence into words

A correct
B subtraction
C subtraction

28 N.MR.04.FI.EG14: Solve simple open sentences for addition and subtraction

Solve addition sentence for sum

A correct
B over by 10
C over by 20
29 N.FL.04.FI.EG15: Apply estimation in solving problems

Estimate sum

A underestimate
B correct
C overestimate

30 N.MR.04.FI.EG16: Select appropriate numbers to solve problems

Determine number of books read by two students given number of books read by three students

A correct
B over by 1 or included incorrect student
C over by 2 or included incorrect student