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# MENU Grade 4

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<b>Domain 1</b> Numbers and Operations	<b>Math Preparation Review</b>	<b>Domain 2</b> Algebraic Reasoning
<b>Domain 3</b> Geometry and Measurement	<b>Domain 4</b> Data Analysis	<b>Domain 5</b> Personal Finance

## Practice Units

	Item	Domain	CC Codes
1.	Add and Subtract Replacements Sets	1	4-NBT.4
2.	Add or Subtract Fractions	1	4-NF.3A
3.	Addition Practice (3 x 3 Numbers)	1	4-NBT.4
4.	Calculating Groupings	1	4-NBT.6; MD.2
5.	Calculations with Remainders	1	4-OA.2; NBT.5
6.	Compare Fractions	1	4-NF.2
7.	Comparing Decimal Numbers	1	4-NF.7
8.	Convert Decimals to Fractions	1	4-NF.6
9.	Equivalent Fractions	1	4-NF.1
10.	Evaluate and Simplify	1	4-OA.2
11.	Expanded and Standard Number Forms	1	4-NBT.2
12.	Finding Pentagons	1	4-NF.4B
13.	Fractions and Place Value	1	4-NF.6
14.	Identifying Decimal Numbers	1	4-NF.6
15.	Improper Fractions	1	4-NF.4B
16.	Multiply and Add	1	4-OA.2
17.	Multiplying By 10 and 100	1	4-NBT.1, .5
18.	Number Line and Fractions	1	4-NF.3C
19.	Number Line Fractions, Decimals	1	4-NF.6
20.	Numbers in Expanded Form	1	4-NBT.2
21.	One and Two Step Calculations	1	4-NBT.6; OA.2
22.	Patterns Multiply	1	4-OA.1
23.	Place Value and Comparing Numbers	1	4-NBT.2
24.	Place Value and Fraction Relationships	1	4-NF.6
25.	Place Value Calculation	1	4-NBT.1
26.	Rounding to Nearest 10, 100, and 1,000	1	4-NBT.1
27.	Rounding/Estimating	1	4-OA.3
28.	Search and Solve	1	4-OA.2, .3
29.	Simplify and Evaluate	1	4-OA.2
30.	Understanding Decimal Numbers	1	4-NF.6
31.	Whole Numbers, Fractions, Decimals	1	4-NF.1
32.	Word Problems	1	4-OA.3
33.	Writing and Solving Equations	1	4-OA.1

34.	Assessment Practice	2	4-NBT.4, 4-NF.2, .3A; 4-OA.2, .3
35.	Calculating Perimeter and Area	2	4-MD.3
36.	Customary Measurement, Perimeter and Area	2	4-MD.3
37.	Multiplication Operations	2	4-OA.5
38.	Rectangle and Square Measurements	2	4-MD.3
39.	Writing Algebraic Expressions	2	4-MD.3
40.	Circles and Angles	3	4-MD.5, .6
41.	Circles and Angles II	3	4-MD.5
42.	Customary Linear Measurements	3	4-MD.1
43.	Customary Liquid Measurements	3	4-MD.1, .2
44.	Identifying Shapes and Their Properties	3	4-G.1, .2, .3
45.	Identifying Triangles and Their Properties	3	4-G.1
46.	Liquid Measure - Metric	3	4-MD.1
47.	Measurement of Angles	3	4-G.1
48.	Measurement of Angles II	3	4-MD.7
49.	Metric and Customary Measurements	3	4-MD.2
50.	Metric Linear Measurement	3	4-MD.1
51.	Various Measurements	3	4-MD.1, .2
52.	Finding the Mode	4	4-MD.4
53.	Budget Planning	5	4-OA.3
54.	Calculating Profits	5	4-NBT.4; OA.3
55.	Fixed and Variable Expenses	5	4-MD.2
56.	Payment Options	5	4-OA.3

Name: \_\_\_\_\_

Date: \_\_\_\_\_

S/N 520

Complete the table below.

Name	Measurement
Right angle	
Straight angle	
Acute angle	
Obtuse angle	
Reflex angle	

1. What angle has a measurement of  $90^\circ$ ? \_\_\_\_\_
2. What measurement does a reflex angle have? \_\_\_\_\_
3. What is the name of the angle that has a measurement of  $324^\circ$ ? \_\_\_\_\_

Measurement of Angles  
*Practice Unit - #47 from Menu*  
Teacher Key

S/N 520

CC Codes 4-G.1

Domain 3

Complete the table below.

Name	Measurement
Right angle	$90^\circ$
Straight angle	$180^\circ$
Acute angle	$< 90^\circ$
Obtuse angle	$< 180^\circ$ but $> 90^\circ$
Reflex angle	$> 180^\circ$

1. What angle has a measurement of  $90^\circ$ ? right angle
2. What measurement does a reflex angle have?  $> 180^\circ$
3. What is the name of the angle that has a measurement of  $324^\circ$ ? reflex angle



**Teacher Answer Key**  
(Part I)

S/N 353

<u>Page No.</u>	<u>Item No.</u>	<u>Answer</u>	<u>Domain</u>	<u>CC Codes</u>
1.	1.	(D)	1	4-NBT.5
1.	2.	(D)	4	4-OA.1
2.	3.	(D)	1	4-NF.3a
2.	4.	(D)	1	4-OA.2
3.	5.	(B)	2	4-OA.5
4.	6.	(B)	4	4-MD.2
4.	7.	(D)	4	4-MD.2
5.	8.	(A)	1	4-OA.2; 4-NBT.4
5.	9.	(A)	1	4-OA.2; 4-NBT.4
6.	10.	(B)	1	4-OA.2
6.	11.	(C)	5	4-MD.2
7.	12.	(A)	1	4-NBT.2
7.	13.	(B)	1	4-NF.6
8.	14.	(A)	2	4-MD.3
8.	15.	(B)	4	4-MD.4
9.	16.	(D)	1	4-NBT.5
10.	17.	(B)	2	4-NBT.4, .5
11.	18.	(D)	4	4-MD.4
12.	19.	(A)	4	4-OA.2; 4-NBT.6
12.	20.	(C)	4	4-MD.2
13.	21.	(B)	4	4-MD.1, .2
13.	22.	(D)	1	4-NBT.4
14.	23.	(D)	4	4-MD.4
14.	24.	(A)	4	4-MD.4
15.	25.	(C)	4	4-NF.2
15.	26.	(A)	1	4-NF.5
15.	27.	(D)	1	4-NBT.6
16.	28.	(B)	1	4-NBT.4
16.	29.	(C)	1	4-OA.3



Print today's date and your name below.

Date: \_\_\_\_\_

Student Name: \_\_\_\_\_



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Continue 

25. Of the two fractions shown below is the first fraction  $>$ ,  $<$ , or  $=$  to the second fraction?

$$\frac{4}{7} , \frac{5}{12}$$

- A  $<$   
B  $=$   
C  $>$   
D  $<$

A  B  C  D

26. You have \$0.45. Which answer represents the fraction for this amount?

- A  $\frac{9}{20}$   
B  $\frac{3}{5}$   
C  $\frac{7}{20}$   
D  $\frac{3}{10}$

A  B  C  D

27. Your business can ship its product in boxes with a capacity of 6 items. How many boxes will be needed to ship 18 pieces?

- A 15 boxes  
B 5 boxes  
C 7 boxes  
D 3 boxes

A  B  C  D



## Teacher Answer Key

S/N 1425

<u>Page No.</u>	<u>Item No.</u>	<u>Answer</u>	<u>Domain</u>	<u>CC Codes</u>
1.	1.	(B)	2	4-OA.5
2.	2.	(B)	2	4-MD.3
2.	3.	(B)	2	4-NBT.4, .5
3.	4.	(D)	2	4-MD.3
3.	5.	(D)	2	4-OA.2, .3
4.	6.	(D)	2	4-OA.2, .3
4.	7.	(C)	2	4-OA.5
5.	8.	(A)	2	4-NBT.4, .5
5.	9.	(A)	2	4-MD.3
6.	10.	(A)	2	4-NBT.4, .5





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Student Name: \_\_\_\_\_



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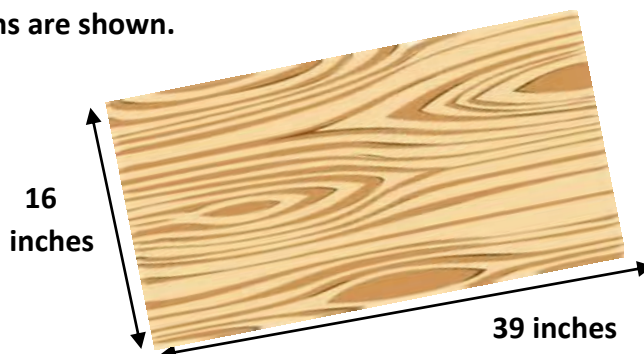
Continue 

2. An office building has 7 rooms that each have a floor space of 690 square feet and 5 rooms that each have a floor space of 950 square feet. What is the total floor space of these rooms?

- A 4,830 square feet  
B 9,580 square feet  
C 1,640 square feet  
D 33,940 square feet

A  B  C  D

3. You have a rectangular piece of wood to use for a building project. The dimensions are shown.



Based on the measurements shown in this model what is the area of the piece of wood?

- A 1,248 square inches  
B 624 square inches  
C 679 square inches  
D 628 square inches

A  B  C  D

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## Teacher Answer Key

S/N 1340

<u>Page No.</u>	<u>Item No.</u>	<u>Answer</u>	<u>Domain</u>	<u>CC Codes</u>
1.	1.	(B)	4	4-MD.2
1.	2.	(D)	4	4-MD.2
2.	3.	(A)	4	4-MD.1, .2
2.	4.	(C)	4	4-MD.4
3.	5.	(D)	4	4-MD.4
4.	6.	(A)	4	4-OA.2;
4.	7.	(D)	4	4-MD.2
5.	8.	(C)	4	4-MD.4
5.	9.	(B)	4	4-MD.4
6.	10.	(D)	4	4-MD.2



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Date: \_\_\_\_\_

Student Name: \_\_\_\_\_



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Use the stem and leaf plot chart below to answer the next two questions.

Grades in Music	
Stem	Leaf
5	7 , 8
6	1 , 3 , 4
7	7 , 8 , 9
8	3

8. Using the Stem and Leaf plot chart above, what is the median number?

- A 66  
B 62  
C 64  
D 68

A  B  C  D

9. Using the same Stem and Leaf plot chart above, what is the number range?

- A 23  
B 26  
C 30  
D 21

A  B  C  D

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