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MENU Grade 4

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

Practice Units

	<u>Item</u>	<u>Domain</u>	<u>TEKS</u>
1.	Add and Subtract Replacement Sets	1	4.1c
2.	Place Value Calculation	1	4.2a
3.	Using Number Blocks	1	4.2b
4.	Place Value to Hundreds	1	4.2b
5.	Place Value to Thousands	1	4.2b
6.	Numbers in Expanded Form	1	4.2b
7.	Expanded and Standard Form Numbers	1	4.2b
8.	Place Value and Comparing Numbers	1	4.2b, c
9.	Rounding/Estimating	1	4.2d
10.	Identifying Decimal Numbers	1	4.2e
11.	Comparing Decimal Numbers	1	4.2f
12.	Place Value and Fraction Relationships	1	4.2g
13.	Fractions and Place Value	1	4.2g
14.	Convert Decimals to Fractions	1	4.2g
15.	Number Line Fractions, Decimals	1	4.2h
16.	Improper Fractions	1	4.3a
17.	Finding Pentagons	1	4.3a
18.	Equivalent Fractions	1	4.3c
19.	Compare Fractions	1	4.3c, d
20.	Add or Subtract Fractions	1	4.3e
21.	Number Line and Fractions	1	4.3f
22.	Understanding Decimal Numbers	1	4.3g
23.	Adding Dollars and Cents	1	4.4a
24.	Subtract Dollars and Cents	1	4.4a
25.	Addition Practice (3 x 3 numbers)	1	4.4a
26.	Assessment Practice	1	4.2a, b, d; 4.3a, b; 4.4c, d; 4.5a, b

27.	Multiplying By 10 and 100	1	4.4b
28.	One and Two Step Calculations	1	4.4e, h
29.	Calculating Groupings	1	4.4f
30.	Rounding to Nearest 10, 100, 1,000	1	4.4g
31.	Calculations with Remainders	1	4.4h
32.	Writing Algebraic Expressions	2	4.5a; 4.1d
33.	Multiplication Operations	2	4.5b; 4.1b, f
34.	Rectangle and Square Measurements	2	4.5c
35.	Customary Measurement, Perimeter and Area	2	4.5d
36.	Calculating Perimeter and Area	2	4.5d
37.	Identifying Shapes and Their Properties	3	4.6a, b, d
38.	Identifying Triangles and Their Properties	3	4.6c
39.	Circles and Angles	3	4.7b, c
40.	Measurement of Angles	3	4.7b
41.	Circles and Angles II	3	4.7a, b
42.	Measurement of Angles II	3	4.7d, e
43.	Liquid Measure - Metric	3	4.8a
44.	Metric Linear Measurements	3	4.8a
45.	Customary Linear Measurements	3	4.8a
46.	Customary Liquid Measurements	3	4.8a
47.	Metric and Customary Measurements	3	4.8a, b
48.	Various Measurements	3	4.8c
49.	Finding the Mode	4	4.9a
50.	Dot Plot and Stem and Leaf Plot	4	4.9a
51.	Stem and Leaf Practice	4	4.9a
52.	Stem and Leaf Plot Practice	4	4.9a, b
53.	Fixed and Variable Expenses	5	4.10a; 4.1a, e
54.	Calculating Profits	5	4.10b
55.	Payment Options	5	4.10c, e
56.	Budget Planning	5	4.10d

Grade 4 Stem and Leaf Plot Practice

Practice Unit #52 from Menu

Student Name: _____

Today's
Date: _____

S/N: 903

Listening to music minutes in one week

Week 1.

STEM	LEAF		
1	6	7	
2	7	8	
3	1	3	4
4	5	5	6
5	3	4	5

Week 2.

STEM	LEAF		
1	1	5	6
2	3	4	5
3	6	7	
4	3	6	7
5	3	4	5

Using the stem and leaf plots above, what is the mean (average) number of music minutes listened to each week?

Week 1. _____

Week 2. _____

Use the stem and leaf plots above to find the mode(s).

Week 1. _____

Week 2. _____

Use the same stem and leaf plots above to find the median(s)

Week 1. _____

Week 2. _____

Use the same stem and leaf plots above to find the range(s)

Week 1. _____

Week 2. _____

Grade 4 Stem and Leaf Plot Practice

Practice Unit #52 from Menu - Teacher Key

Listening to music minutes in one week

S/N: 903

Teacher Key

TEKS - 4.9A,B
Domain 4

Solutions for Week 1.

Stem	Mode	Median	Mean	Range		Leaf Count
1	No Mode					13
2	No Mode	34.0	37.2	39		
3	No Mode					
4	45					
5	No Mode					

Stem		↓	Leaf Value	↓	
1			16		17
2			27		28
3			31		33
4			45		45
5			53		54
Sums =>			172		177
					135
					484

Solutions for Week 2.

Stem	Mode	Median	Mean	Range		Leaf Count
1	No Mode					14
2	No Mode	36.5	31.7	44		
3	No Mode					
4	No Mode					
5	No Mode					

Stem		↓	Leaf Value	↓	
1			11		15
2			23		24
3			36		37
4			43		46
5			53		54
Sums =>			166		176
					102
					444

Name: _____

Date: _____

S/N 543

1. A school bus carrying 15 students is at the bus stop. No students got on, but some got off. Write the expression that represents the number of students left on the bus.

2. There are 53 more seats in the lower deck than in the upper deck in a stadium. Write an expression that represents the number of seats in the upper deck.

3. You have 35 basketball cards. Your brother has 14 more cards than you do. Write an equation to represent the number of basketball cards that your brother has.

4. You have 51 feet of fabric. You used 16 feet of fabric to make pillow case covers. Then you used 23 feet of fabric to cover your sofa and a chair. Write an equation to represent how much fabric you will have left.

5. You have 3 dozen donuts. You buy an additional 6 chocolate and 5 cream filled donuts. Write an equation to represent the total number of donuts you have.

Writing Algebraic Expressions
Practice Unit #32 from Menu - Teacher Key
Teacher Key

S/N 543

TEKS 4.5a; 4.1d

Domain 2

1. A school bus carrying 15 students is at the bus stop. No students got on, but some got off. Write the expression that represents the number of students left on the bus.

$$\underline{15 - N}$$

2. There are 53 more seats in the lower deck than in the upper deck in a stadium. Write an expression that represents the number of seats in the upper deck.

$$\underline{L - 53}$$

3. You have 35 basketball cards. Your brother has 14 more cards than you do. Write an equation to represent the number of basketball cards that your brother has.

$$\underline{35 + 14 = C}$$

4. You have 51 feet of fabric. You used 16 feet of fabric to make pillow case covers. Then you used 23 feet of fabric to cover your sofa and a chair. Write an equation to represent how much fabric you will have left.

$$\underline{51 = 16 + 23 + x}$$

5. You have 3 dozen donuts. You buy an additional 6 chocolate and 5 cream filled donuts. Write an equation to represent the total number of donuts you have.

$$\underline{d = 36 + 6 + 5}$$



Teacher Answer Key

S/N 8308

<u>Page No.</u>	<u>Item No.</u>	<u>Answer</u>	<u>Domain</u>	<u>TX Codes</u>
1.	1.	(A)	4	4.8c
1.	2.	(B)	4	4.8c
2.	3.	(B)	4	4.8b,c
2.	4.	(D)	4	4.9a
3.	5.	(B)	4	4.9a
4.	6.	(C)	4	4.4e; 4.8c
4.	7.	(D)	4	4.8c
5.	8.	(D)	4	4.9a,b
5.	9.	(C)	4	4.9a,b
6.	10.	(D)	4	4.8c



Print today's date and your name below.

Date: _____

Student Name: _____



Wait for instructions to proceed to the next page




 Continue 

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

Grades in Social Studies	
Stem	Leaf
6	4 , 5 , 6
7	6 , 7
8	4 , 5 , 6
9	7 , 8
10	0

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

- A 86
B 82
C 88
D 84

A B C D

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

- A 33
B 39
C 36
D 31

A B C D



Teacher Answer Key
(Part I)

S/N 8922

<u>Page No.</u>	<u>Item No.</u>	<u>Answer</u>	<u>Domain</u>	<u>TX Codes</u>
1.	1.	(A)	1	4.4c
1.	2.	(A)	4	4.8c
2.	3.	(D)	1	4.3e,f
2.	4.	(A)	1	4.4b; 4.5d; 4.8a
3.	5.	(C)	2	4.5b
4.	6.	(B)	4	4.8c
4.	7.	(C)	4	4.8c
5.	8.	(C)	1	4.4a,c
5.	9.	(D)	1	4.4a,c
6.	10.	(C)	1	4.4d
6.	11.	(B)	5	4.10b
7.	12.	(B)	1	4.2b
7.	13.	(B)	1	4.2f
8.	14.	(C)	2	4.5d
8.	15.	(B)	4	4.9a
9.	16.	(C)	1	4.4c,d
10.	17.	(C)	2	4.5c,d
11.	18.	(A)	4	4.9a
12.	19.	(D)	4	4.4e; 4.8c
12.	20.	(D)	4	4.8c
13.	21.	(D)	4	4.8b,c
13.	22.	(A)	1	4.4a
14.	23.	(C)	4	4.9a,b
14.	24.	(C)	4	4.9a,b
15.	25.	(D)	4	4.3c,d
15.	26.	(B)	1	4.2g; 4.3g
15.	27.	(B)	1	4.4e
16.	28.	(C)	1	4.4a,c
16.	29.	(B)	1	4.4g



Print today's date and your name below.

Date: _____

Student Name: _____

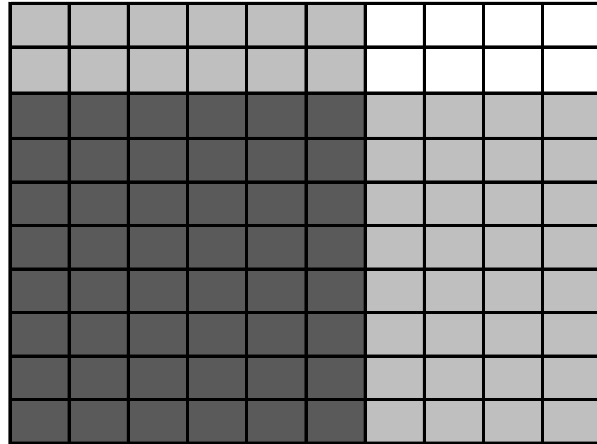


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 Begin 

1. The hundreds model in the figure is shaded to represent the multiplying of two numbers.



Which answer is represented by the shaded lines of squares in the model?


- A. $6.0 \times 8.0 = 48.00$
 B. $0.06 \times 0.08 = 0.005$
 C. $0.06 \times 58.0 = 3.48$
 D. $16.0 \times 18.0 = 288.00$

A B C D

2. You spent \$3.70 on lunch each day for 7 days. What is the total amount of money you spent on these lunches?

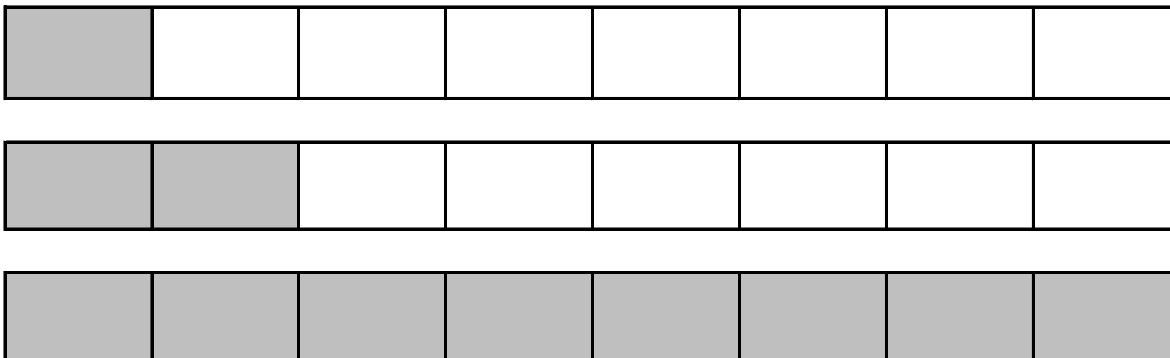
- A. \$25.90
 B. \$10.36
 C. \$31.08
 D. \$7.40

A B C D

 Continue to Page 2 


 Continue 

3. Which answer is represented by the shaded models shown below?



- A. $1 \frac{5}{8}$
 B. $1 \frac{1}{2}$
 C. $1 \frac{3}{4}$
 D. $1 \frac{3}{8}$

 A

 B

 C

 D

4. A rectangle has a length of 15 inches and a width of 7 inches.
 What is the area of the rectangle?

- A 105 square inches
 B 345 square inches
 C 360 square inches
 D 315 square inches

 A

 B

 C

 D

 Continue to Page 3 