PRAC ~ TIS Math ©

MENU Grade 6

Domain One (1)
Numbers and Operations
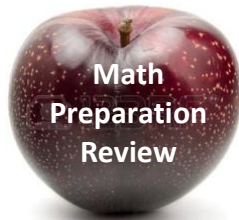
Math Preparation Review

Domain Four (4)
Expressions and Equations

Domain Two (2)
Proportionality

Domain Five (5)
Data Analysis

Domain Three (3)
Rates, Ratios and Percent

Domain Six (6)
Personal Finance

PRACTICE UNITS

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2.	Absolute Value	1	6.2b, c
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4.	Number Values	1	6.2c
5.	Arranging Data	1	6.2d
6.	Problem Solving Methods	1	6.2e
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12.	Add/Subtract (Pos. and Neg.) II	1	6.3d
13.	Division	1	6.3d
14.	Evaluate and Solve	1	6.3d
15.	Evaluate and Solve(Multiply/Add)	1	6.3d
16.	Multiple Problems	1	6.3d
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18.	Rounding Division	1	6.3d
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20.	Search and Solve	1	6.3d
21.	Division and Multiplication Horizontal	1	6.3d
22.	Mixed Problems	1	6.3d, e
23.	Products and Sales Math	1	6.3d, e
24.	Add/Subtract (Pos. and Neg.)	1	6.3d, e
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34.	Converting Metric/Customary Measurement	2	6.4h
35.	Customary Linear Meeasurements	2	6.4h
36.	Customary Liquid Measurements	2	6.4h
37.	Liquid Measure Metric	2	6.4h
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41.	Variables and Ordered Pairs	3	6.6a, c
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45.	Simplify and Calculate	4	6.7a
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73.	Graphing in the First Quadrant	5	6.11a
74.	Graphing Ordered Pairs	5	6.11a
75.	Box and Whisker and Dot Plot	5	6.12a, b, c, d; 6.13a, b
76.	Stem and Leaf	5	6.12a, c, d; 6.13a, b

S/N 518

Complete the Venn diagram below using the following numbers
that are divisible by 2 and 17.

2, , 221, 255, 17, 153, 118, 51, 34, 48, 96, 102, 119, 88, 85, 187,108, 36, 104, 68

(Use the space below as a work area.)

Completing a Venn Diagram

Practice Unit #1 from Menu - Teacher Key

Teacher Key

TEKS 6.2a
Domain 1

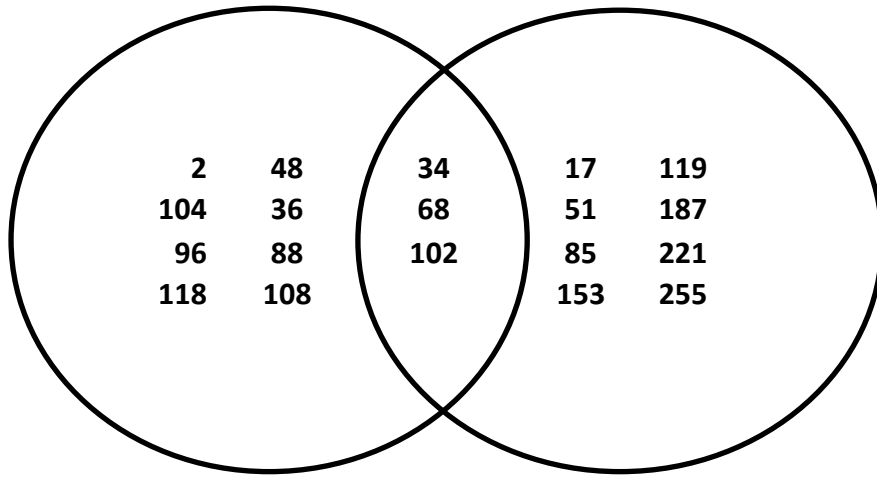Complete the Venn diagram below using the following numbers
that are divisible by 2 and 17.

2, , 221, 255, 17, 153, 118, 51, 34, 48, 96, 102, 119, 88, 85, 187,108, 36, 104, 68

2	48	34	17	119	
104	36	68	51	187	
96	88	102	85	221	
118	108		153	255	

(Use the space below as a work area.)

Proportional Relationships
Practice Unit #28 from Menu

Name: **Date:**

Example:

x	0	1	2	3	4	5
y	2	3	4	5	6	7

Rule: y = x + 2

Complete the tables below and write the rule.

1.

x	5				13	15		19	
y		10	12				20		24

Rule : _____

2.

x		12			24		32		40
y	12		20	24		32		40	

Rule : _____

3. **Complete the table and write the ordered pairs in the spaces provided below when y = 3x + 5.**

x	y
7	
	17
	17
8	
	26

Ordered Pairs

_____

_____

_____

_____

_____

Proportional Relationships
Practice Unit #28 from Menu - Teacher Key
Teacher Key

	TEKS 6.4a
	Domain 2

Example:

x	0	1	2	3	4	5	
y	2	3	4	5	6	7	Rule: y = x + 2

Complete the tables below and write the rule.

1.

x	5	7	9	11	13	15	17	19	21
y	8	10	12	14	16	18	20	22	24

Rule : y = x + 3

2.

x	8	12	16	20	24	28	32	36	40
y	12	16	20	24	28	32	36	40	44

Rule : y = x + 4

3. Complete the table and write the ordered pairs in the spaces provided below when y = 3x + 5.

x	y
7	26
4	17
4	17
8	29
7	26

Ordered Pairs

(7, 26)

(4, 17)

(4, 17)

(8, 29)

(7, 26)

Page Number	Unit Number	Answer	Domain	TX Codes
1.	1.	(A)	2	6.4g
1.	2.	(C)	2	6.4b
2.	3.	(B)	2	6.4h
2.	4.	(C)	2	6.4e
3.	5.	(A)	2	6.4g
3.	6.	(B)	2	6.4h
4.	7.	(D)	2	6.4g
4.	8.	(C)	2	6.4e; 6.14b
5.	9.	(B)	2	6.4d
5	10.	(A)	2	6.4c

Print Today's Date and Your Name Below:

Date : _____

Student Name : _____

GO
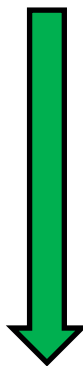
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C o n t I n u e

5.   You brought a pizza home and ate 1/8 of it for lunch. You ate another 50% of the pizza for dinner. What fraction of the pizza have you NOT eaten?

        A.   3/8

        B.   1/8

        C.   1/4

        D.   5/8

        A   B   C   D
        ○   ○   ○   ○

6.   Your school cafeteria served 14 gallons of orange juice during breakfast today. How many cups are in 14 gallons?

        A.   112 cups

        B.   224 cups

        C.   56 cups

        D.   None of these

        A   B   C   D
        ○   ○   ○   ○

Teacher Key

S/N 7609

Page Number	Unit Number	Answer	Domain	TX Codes
1.	1.	(A)	2	6.4g
1.	2.	(D)	1	6.3b
2.	3.	(C)	1	6.3d
3.	4.	(C)	1	6.3e
3.	5.	(D)	2	6.4b
4.	6.	(A)	3	6.5b
4.	7.	(B)	2	6.4h
5.	8.	(B)	4	6.8d
6.	9.	(B)	5	6.11a
7.	10.	(C)	5	6.12d
8.	11.	(B)	4	6.8a
8.	12.	(A)	4	6.8a
9.	13.	(C)	4	6.8b
9.	14.	(A)	6	6.14a
10.	15.	(C)	6	6.14g
11.	16.	(B)	6	6.14c
11.	17.	(A)	6	6.14f
12.	18.	(C)	6	6.14f
13.	19.	(B)	6	6.14c
14.	20.	(C)	6	6.14h; 6.3d
15.	21.	(D)	5	6.12a; 6.13a
16.	22.	(A)	5	6.12a; 6.13a
17.	23.	(B)	5	6.12a,b,c; 6.13a
18.	24.	(C)	5	6.12a,b,c; 6.13a
19.	25.	(C)	2	6.4e
19.	26.	(D)	3	6.5c

Print Today's Date and Your Name Below:

Date : _____

Student Name : _____

GO

Go To The Next Page When Told ➡

ContInue

1. A store is having a going out of business sale with 20% off regular prices.
    Which value is equivalent to 20%?

    A.   1/5

    B.   1/2

    C.   15/79

    D.   11/50

    A   B   C   D
    O   O   O   O

2. In the expression 17p, 'p' represents a rational number.
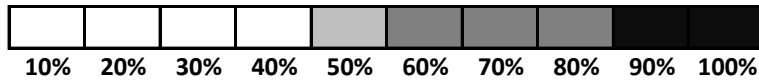   What value of 'p' makes the expression equal a number less than 17?

    A.   29/16

    B.   1 7/16

    C.   2 13/16

    D.   13/16

    A   B   C   D
    O   O   O   O

 C o n t I n u e

10. A group of people were surveyed about their TV viewing. The bar graph here shows percentages of their responses.

10%	20%	30%	40%	50%	60%	70%	80%	90%	100%

Which answer shows the data table that best supports the bar graph?

A.

Viewing Method	Number of People	Key to Bar Graph
Live	4	
Recorded	3	
On Demand	1	
Online streaming	3	

B.

Viewing Method	Number of People	Key to Bar Graph
Live	7	
Recorded	7	
On Demand	4	
Online streaming	2	

C.

Viewing Method	Number of People	Key to Bar Graph
Live	7	
Recorded	1	
On Demand	5	
Online streaming	7	

D.

Viewing Method	Number of People	Key to Bar Graph
Live	6	
Recorded	3	
On Demand	1	
Online streaming	1	

A   B   C   D
O   O   O   O

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