

[Click Here For User Guide](#)

MENU Grade 6

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Domain One (1)
Numbers and Operations

Domain Two (2)
Proportionality

Domain Three (3)
Rates, Ratios and Percent



Domain Four (4)
Expressions and Equations

Domain Five (5)
Data Analysis

Domain Six (6)
Personal Finance

PRACTICE UNITS

	<u>Item</u>	<u>Domain</u>	<u>CC Codes</u>
1.	Completing a Venn Diagram	1	6-NS.2
2.	Absolute Value	1	6-NS.7A, B, C
3.	Expressing Values	1	6-NS.5
4.	Number Values	1	6-NS.6C
5.	Arranging Data	1	6-NS.7A, B, C
6.	Problem Solving Methods	1	6-EE.7; NS.4
7.	Reciprocal Numbers	1	6-EE.3
8.	Multiply Mixed Numbers/ Fractions	1	6-RF.1
9.	Solve for Positive and Negative Values	1	6-EE.7
10.	Add/Subtract	1	6-EE.2
11.	Division	1	6-NS.2
12.	Division and Multiplication	1	6-NS.2
13.	Evaluate and Solve	1	6-EE.2A
14.	Evaluate and Solve(Multiply/Add)	1	6-NS.7
15.	Multiply	1	6-NS.7
16.	Rounding Division	1	6-NS.3
17.	Rounding/Estimate/Multiply	1	6-NS.7
18.	Search and Solve	1	6-EE.7
19.	Solve for Unknown	1	6-EE.2A
20.	Mixed Problems	1	6-EE.5
21.	Products and Sales Math	1	6-NS.2, .3
22.	Division/Multiplication Practice Horizontal	1	6-NS.2
23.	Division Practice Word Problems	1	6-RP.1
24.	Proportional Relationships	2	6-NS.6C; RP.3A
25.	Calculating Proportions	2	6-RP.2, .3, .3B
26.	Proportional Reasoning	2	6-RP.1, .2
27.	Add/Subtract Mixed Fractions	2	6-NS.7B
28.	Calculating Percentage	2	6-RP.3C
29.	Whole numbers/Fractions/Decimals	2	6-NS.3; 6-RF.1

30.	Converting Metric/Customary Measurement	2	6-RP.3D
31.	Customary Linear Measurements	2	6-RP.3D
32.	Customary Liquid Measurements	2	6-RP.3D
33.	Liquid Measure Metric	2	6-RP.3D
34.	Metric Linear Measurements	2	6-RP.3D
35.	Equivalent Fractions	2	6-RF.1
36.	Finding Pentagons	2	6-NS.1
37.	Variables and Ordered Pairs	3	6-EE.9
38.	Relationships of Variables	3	6-EE.9
39.	Calculating Numerical Relationships	3	6-RP.1; EE.5; NS.6C
40.	Geometry	4	6-G2
41.	Order of Operations	4	6-EE.2C
42.	Simplify and Calculate	4	6-EE.2C
43.	Simplify and Evaluate	4	6-EE.1, .2
44.	Expressions/Powers/Equations	4	6-EE.4
45.	Mixed Practice	4	6-EE.5
46.	Write and Solve Algebraic Expressions	4	6-EE.3, .4
47.	Algebraic Expressions	4	6-EE.2
48.	Associative Property	4	6-EE.2A
49.	Commutative and Associative Properties	4	6-EE.2A, B
50.	Commutative and Associative Properties II	4	6-EE.2A, B
51.	Evaluate and Simplify	4	6-EE.2
52.	Angles and Triangles Calculations	4	6-G.1
53.	Triangles and Rectangle Relationships	4	6-G.1
54.	Angles and Area of Shapes	4	6-G.1, .2
55.	Area of Shapes	4	6-G.1
56.	Measuring Triangles and Rectangles	4	6-G.1
57.	Area and Volume	4	6-G.1, .2, .3, .4
58.	Volume of Prisms	4	6-G.2
59.	Add/Subtract/Solve	4	6-EE.2A
60.	Writing and Solving Equations	4	6-EE.8
61.	Replacement Sets	4	6-EE.2A
62.	Write and Solve Equations	4	6-EE.7
63.	Finding Unknowns	4	6-EE.5
64.	Solve Equations Division	4	6-EE.7
65.	Solve for Unknown	4	6-EE.7
66.	Stopping Distance	4	6-EE.6
67.	Solve Add Subtract Divide	4	6-EE.7
68.	Perimeter and Area	4	6-G.1, .2
69.	Surface Area	4	6-G.4
70.	Graphing in the First Quadrant	5	6-NS.6
71.	Graphing Ordered Pairs	5	6-NS.6, .6B, .6C, .8
72.	Box and Whisker and Dot Plot	5	6-SP.4
73.	Stem and Leaf	5	6-SP.2
74.	Stem and Leaf Practice	5	6-SP.2
75.	Dot Plot and Stem and Leaf Plot	5	6-SP.4
76.	Finding the Mode	5	6-SP.4, .5

77.	Bank Account Transactions	6	6-EE.6
78.	Credit History Values	6	6-RP.3C
79.	Budget Planning	6	6-EE.6
80.	Occupations and Earnings	6	6-EE.6

Grade 6 Box and Whisker and Dot Plot

Practice Unit #71 from Menu

Name _____

Date _____

S/N 595

1. Use the following numbers to make (a) a dot plot and (b) a box plot below:

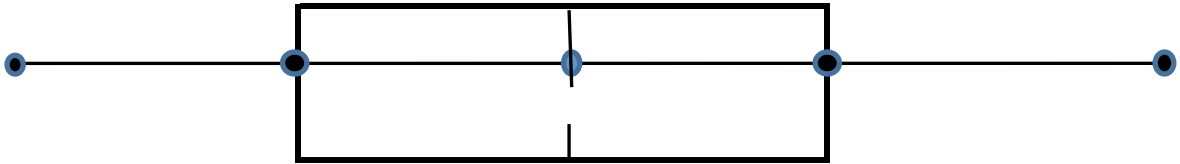
20 23, 25, 28, 28, 32, 33, 36, 39

(Use the letter "x" for your dots.)

(a)

20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40

(b)



Using the same number group complete the box and whisker chart above.

2. What is the minimum number?

3. What is the maximum number?

4. What is the median?

5. What is the lower quartile (1.)?

6. What is the upper quartile (3.)?

7. What is the inter quartile range?

Grade 6 Box and Whisker and Dot Plot

Practice Unit #71 from Menu

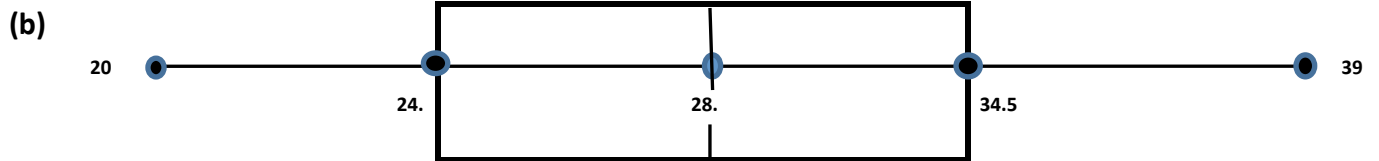
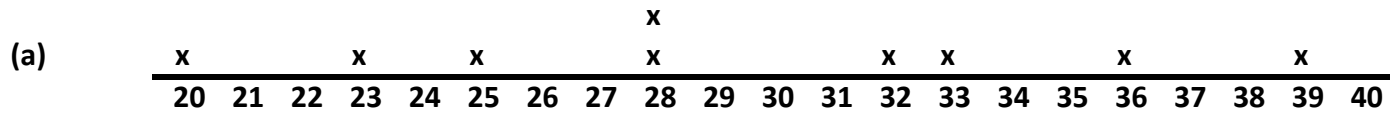
Teacher Key

S/N 595

Common Core 6-SP.4

Domain 5

1. 20 23 25 28 28 32 33 36 39



28.	Is the median
24.	Is the lower quartile (1.)
34.5	Is the upper quartile (3.)
20.	Is the lower extreme
39.	Is the higher extreme
10.5	Is the inter quartile range



2. The minimum number is: 20.
3. The maximum number is: 39.
4. The median is: 28.
5. The lower quartile (1.) is: 24.
6. The upper quartile (3.) is: 34.5
7. The inter quartile range is: 10.5

Name: _____

Date: _____

S/N 634

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	9				17	19		23	
y		14	16				24		28

Rule : _____

2.

x		12			21		27		33
y	14		20	23		29		35	

Rule : _____

3. Complete the table and write the ordered pairs in the spaces provided below when $y = 5x + 2$.

x	y
	42
3	
5	
	12
6	32

Ordered Pairs

S/N 634

CC Codes 6-NS.6C; RP.3A

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	9	11	13	15	17	19	21	23	25	
y	12	14	16	18	20	22	24	26	28	Rule : $y = x + 3$

2.

x	9	12	15	18	21	24	27	30	33	
y	14	17	20	23	26	29	32	35	38	Rule : $y = x + 5$

3. Complete the table and write the ordered pairs in the spaces provided below when $y = 5x + 2$.

x	y	Ordered Pairs
8	42	<u>(8, 42)</u>
3	17	<u>(3, 17)</u>
5	27	<u>(5, 27)</u>
2	12	<u>(2, 12)</u>
6	32	<u>(6, 32)</u>



S/N 5662

Teacher Key

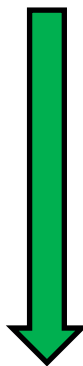
<u>Page Number</u>	<u>Unit Number</u>	<u>Answer</u>	<u>Domain</u>	<u>CC Codes</u>
1.	1.	(A)	3	6-RP.3C
1.	2.	(A)	3	6-RP.3D
2.	3.	(D)	3	6-EE.7
2.	4.	(B)	3	6-RP.3C
3.	5.	(D)	3	6-RP.3B
3.	6.	(B)	3	6-RP.3C




Print Today's Date and Your Name Below:

Date : _____

Student Name : _____



Go To The Next Page When Told 

Begin 

1. In your last baseball game you hit the ball 45% of the times you were at bat. With this information, what is the probable number of times you will hit the ball in your next 20 times at bat?

- A. 9 times
B. 8 times
C. 11 times
D. None of these

A B C D

2. There is a bird sanctuary where 20% of the protected birds are jays. What decimal number is equivalent to 20%?

- A. .20
B. None of these
C. .002
D. .11

A B C D

Go To Page 2 



S/N 1621

Teacher Key

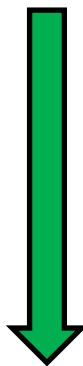
<u>Page Number</u>	<u>Unit Number</u>	<u>Answer</u>	<u>Domain</u>	<u>CC Codes</u>
20.	27.	(B)	1	6-RP.3B
21.	28.	(D)	1	6-RP.3B
22.	29.	(D)	4	6-G4
22.	30.	(B)	4	6-RP.3B
23.	31.	(B)	5	6-SP.5
23.	32.	(A)	4	6-G.1
24.	33.	(A)	2	6-RP.3D
24.	34.	(A)	2	6-RP.3D
25.	35.	(A)	1	6-RP.3B
25.	36.	(B)	2	6-RP.3D
26.	37.	(B)	3	6-EE.7
26.	38.	(C)	1	6-NS.2
27.	39.	(B)	4	6-EE.9
28.	40.	(C)	5	6-SP.4
29	41.	(A)	4	6-EE.7
30.	42.	(A)	5	6-SP.4,.5
30.	43.	(C)	5	6-SP.4
31.	44.	(A)	4	6-NS.3
32.	45.	(C)	1	6-NS.7A
32.	46.	(C)	3	6-RP.3B
33.	47.	(D)	2	6-NS.3
33.	48.	(C)	1	6-RP.1
34.	49.	(A)	1	6-RP.1
34.	50.	(D)	1	6-NS.5




Print Today's Date and Your Name Below:

Date : _____

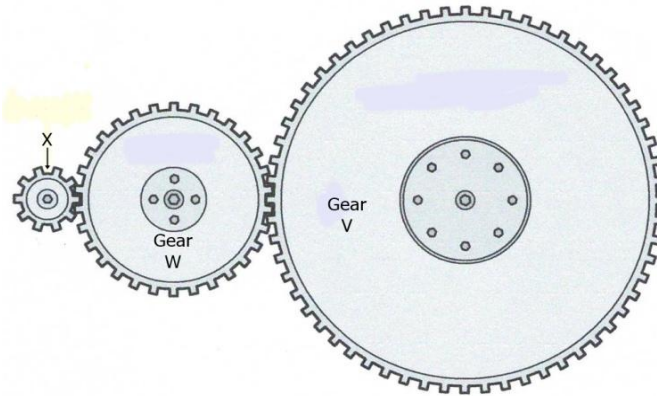
Student Name : _____



Go To The Next Page When Told 

Continue 

27. A model of three connected gears is shown below.



- For every complete rotation of Gear V, Gear W makes 2 complete rotations.
- For every complete rotation of Gear W, Gear X makes 3 complete rotations.

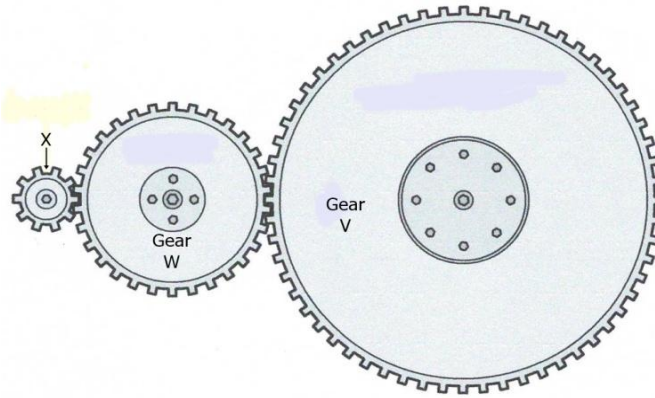
Using this information, what is the number of complete rotations Gear V will make when Gear X makes 834 complete rotations?

- A. 141 rotations
- B. 139 rotations
- C. 142 rotations
- D. 136 rotations



Continue 

28. The model below shows three connected gears.



- For every complete rotation of Gear V, Gear W makes 2 complete rotations.
- For every complete rotation of Gear W, Gear X makes 3 complete rotations.

Using this information, what is the number of complete rotations Gear W will make when Gear X makes 900 complete rotations?

- A. 310 rotations
- B. 290 rotations
- C. 200 rotations
- D. 300 rotations

