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PRAC ~ TIS Math ©

MENU Grade 3



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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>CC Codes</u>
1. Addition Practice (3 x 3) With Regrouping	1	3-NBT.2
2. Subtraction Practice (3 x 3) With Regrouping	1	3-NBT.2
3. Add and Subtract Replacement Sets	1	3-NBT.2
4. Addition Practice 3 sets of 3 Numbers	1	3-NBT.2
5. Expanded Notation	1	3-NBT.1, .3
6. Calculating Differences	1	3-NBT.2, .2
7. Comparing and Identifying Fractions	1	3-NF.1, .2A, .2B
8. Number Line Fractions	1	3-NF.2, .2A, .2B
9. Finding Fractions	1	3-NF.2, .2A, .2B
10. Adding Fractions	1	3-NF.3B
11. Fractional Parts	1	3-NF.1
12. Using Fractions	1	3-NF.3
13. Comparing Fractions and Equivalent Fractions	1	3-NF.3B, .3D
14. Equivalent Fractions	1	3-NF.3A
15. Equivalent Fractions II	1	3-NF.2, .3, 3A
16. Comparing Fractions	1	3-NF.3D
17. Compare Fractions	1	3-NF.3D
18. Mixed Practice	1	3-OA.8
19. Addition and Subtraction Exercises	1	3-NBT.2
20. Word Problems	1	3-NBT.2
21. Rounding to Nearest 10 or 100	1	3-NBT.1
22. Using Number Blocks to Mutiply and Divide	1	3-OA.6, .7, .9
23. Word Problems (Multiplication)	1	3-OA.4
24. Multiplication Tables Practice	1	3-OA.9
25. Mixed Exercises	1	3-NBT.2
26. Multiply and Divide	1	3-OA.6, .7, .8
27. Distributive Property	1	3-OA.9
28. Relationship of Quantities	1	3-OA.2, .3
29. Finding Unknowns	2	3-NBT.2
30. Multiplication and Division Word Problems	2	3-OA.3
31. Multiplication and Division Exercises	2	3-OA.3

32.	Multiplication Reasoning	2	3-OA.8
33.	Enter the Missing Numbers	2	3-OA.6 thru .9
34.	Functions and Relationships	2	3-OA.1 thru .7
35.	Area and Perimeter Models	3	3-MD.5, .6, .7, .7C, .8
36.	Perimeter and Area of Figures	3	3-MD.7, .8
37.	Measuring Shapes	3	3-MD.8; 3-G.1
38.	Identifying Fractions	3	3-NF.2, .2A, .2B, .3B
39.	Find the Missing Number	3	3-MD.8
40.	Time Measurement	3	3-MD.1
41.	Metric Measurements	3	3-MD.2
42.	Customary Linear Measurement	3	3-MD.2
43.	Customary Liquid Measurements	3	3-MD.2
44.	Reading a Dot Plot Line	4	3-MD.3, .4
45.	Supply and Demand	5	3-OA.7
46.	Earnings and Budgeting	5	3-OA.8
47.	Borrowing and Interest	5	3-OA.8
48.	Planning Savings	5	3-OA.8

Name: _____

Date: _____

S/N 299


 = 1 unit

Figure A

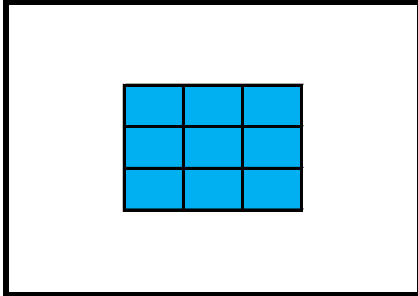
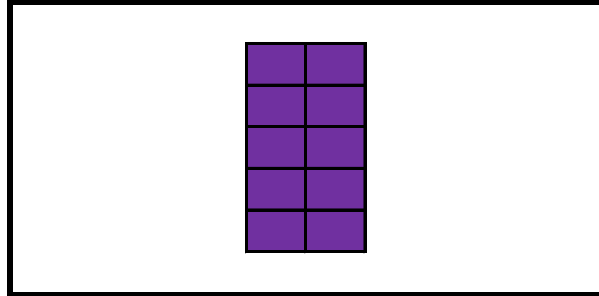


Figure B



1. How many units are in figure A? _____
2. How many units are in figure B? _____
3. What is the perimeter of figure B in units? _____
4. What is the area of figure A in square units? _____
5. What is the perimeter of figure A in units? _____
6. What is the area of figure B in square units? _____
7. What is the difference in perimeter measurement between the two figures? _____
8. What is the difference in area measurement of the two figures? _____
9. If a column of units is added to figure A, what would the perimeter be? _____
10. If a row of units is added to figure B, what would the area be in square units? _____

Teacher Key

S/N 299

CC Codes 3-MD.5, .6, .7, .7C, .8

Domain 3


 = 1 unit

Figure A

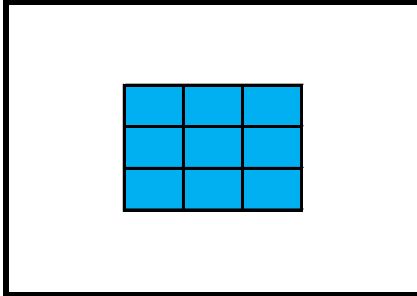
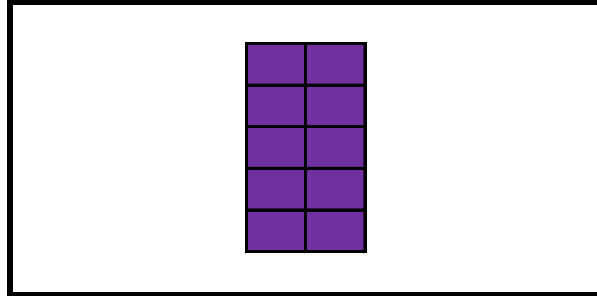


Figure B



1. How many units are in figure A? 9 units
2. How many units are in figure B? 10 units
3. What is the perimeter of figure B in units? 14 units
4. What is the area of figure A in square units? 9 units²
5. What is the perimeter of figure A in units? 12 units
6. What is the area of figure B in square units? 10 units²
7. What is the difference in perimeter measurement between the two figures? 2 units
8. What is the difference in area measurement of the two figures? 1 unit²
9. If a column of units is added to figure A, what would the perimeter be? 14 units
10. If a row of units is added to figure B, what would the area be in square units? 15 units²

Name: _____

Date: _____

S/N 178

1. Complete the table below.

	4	6	8		12
14	28			70	84

2. A candy store has packages of chewing gum that each have 17 pieces. Complete the table below.

Number of packages	Total number of pieces
1	<i>Text</i>
2	
3	
4	
5	

3. The table below shows the total number of windows in different numbers of houses. Each house has the same number of windows. Complete the table.

Houses	2		6	8	10	12
Windows		28	42		70	

4. Based on the above table, how many total windows are in 16 houses?
- _____

S/N 178

CC Codes 3-OA.1 thru .7

Domain 2

1. Complete the table below.

2	4	6	8	10	12
14	28	42	56	70	84

2. A candy store has packages of chewing gum that each have 17 pieces. Complete the table below.

Number of packages	Total number of pieces
1	17
2	34
3	51
4	68
5	85

3. The table below shows the total number of windows in different numbers of houses. Each house has the same number of windows. Complete the table.

Houses	2	4	6	8	10	12
Windows	14	28	42	56	70	84

4. Based on the above table, how many total windows are in 16 houses?



Teacher Answer Key

S/N 738

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



Print today's date and your name below.

Date: _____

Student Name: _____



Wait for instructions to proceed to the next page 

Continue 

1. You borrow \$15.00 from your parents to buy game tokens at the mall arcade. Your parents tell you that you must pay them back from your weekly allowance in equal amounts for the next three weeks. How much must you pay your parents each of the next three weeks?


- A \$6.00
B \$4.00
C \$7.00
D \$5.00

A B C D

2. You borrow \$55.00 from your brother. You agree to pay him \$5.00 plus \$.60 interest each month for 11 months, from your allowance of \$20.00 a month. How much money will you pay back to your brother to pay off this loan?

- A \$55.00
B \$6.60
C \$61.60
D \$60.60

A B C D

Continue to Page 2 



Teacher Answer Key

(Part I)

S/N 8063

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



Print today's date and your name below.

Date: _____

Student Name: _____

r.2



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18. The two figures are congruent, and one-half of each figure is shaded.



Figure A

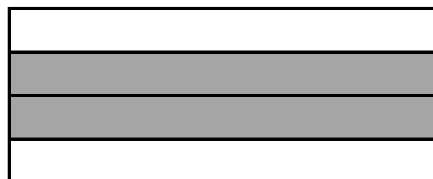


Figure B

Which answer is correct about the shaded parts of these figures?

- A. The shaded area of Figure A is equal to the shaded area of Figure B.
 B. The shaded area of Figure B is greater than the shaded area of Figure A.
 C. The shaded area of Figure A is less than the shaded area of Figure B.
 D. None of the above.

A B C D

19. There are a total of 803 sheep in two pastures. How many sheep are there in one pasture if the other has 306 sheep in it?

- A. 497
 B. 356
 C. 703
 D. 204

A B C D