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# LEPANTO MATHEMATICS

# LEVEL 3

## WORKBOOK ANSWER KEY

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## TABLE OF CONTENTS

CHAPI	ER1		
Acquisition (Contraction)		Exercise 10a: Subtraction with Regrouping	54
Exercise 1e:	Numbers 10 and Under 1	10b: Addition Problems	
ib:	Word Problems & Adding Zero 2	10c: Subtraction with One Regrouping	
10:	Word Problems & Adding Cents 2-3	10d: Adding Dollars and Cents	
td:	Counting Groups & Adding Numbers 4-5	10e: DiAGNOSTIC TEST	58-5
_ 1s:	3 & 4-digit Place Values 8	Exercise 11s: Subtracting with Two Regroupings	
Exercise 2a:	Missing & Metching Numbers	11b: Subtraction Review	61
2h;	Adding Money Review 8 - 9	11c: Words that Tell You to Subtract	
26:	Subtraction & Find The Pattern 9	11d: Three Digit Subtraction	
2d;	Subtraction & Word Problems	11e: Word Problems	
2e:	Place Values	Exercise 12a: Everyday Problems	
Exercise 3x;	Greater Than or Less Then, Equal To	12b: A Day at the Seashere	
3b:	U.S. Money and Symbols13	12c: Subtraction Problems	
3a; 3d:	Counting Coins and Dollars	12d: Finding the Difference	
an:	Addition Exercise	12e: Regroup Across Zero	
	DAGNOSTIC TEST 15	Exercise 13s: Regroup Across Two Zeros	
BAIL	LA (ES)	13b: Word Problems	
-		13c: Subtracting Zeres	70-7
CHAPT	COA	18d; Probiem Test	71
UNAFI	ER. Zaharan alah baran baran dan dan dan dan dan dan dan dan dan d	13e: Subtraction Practice	72
Etransia da	Basic Addition	Exercise 14s: Drageostic Test - Part A	73
		14b: Diaukosuc Test-Part H	74
	Addition Practice	CHAPTER REVIEW TEST	74-75
	DIAGNOSTIC TEST		
		ALLES	
	Three-Digit Addition	CHAPTER 4	
	Numbers 1 to 100023		
	Two-Digit Addition with Regrouping24	14c: Basic Multiplying Facts To One	
	More Practice with Regrouping	14d: Bank Meltiplying Facts for Two	
	Reading and Writing Numbers	t4e: More Multiplying By Two	
	More Practice with Regrouping	Exercise 15a: Raylaw Multiplying Twos	
	Practice With Regroup Adding22-29	15b: More Multiplying By Two	
	Problem Solving Exercise30-31	15c: Mixed Practice	
	Regrouping Teas as Hundreds	15d: Review: Addition & Subtraction	
	Addition with One Regrouping	15e: Nore Mixed Practice	
	Adding Practice	Exercise 16a: Problem Test.	
	Adding Columns	16b: Solve the Problems	
	Adding with Two Regroupings36-37	16c: Addition Review	
	Adding Practice	16d: Sasic Multiplying Fects for Three	
	Adding By Similar Endings	16e: Subtraction and Review	
	Adding Columns of Figures40	Exercise 17s: Subtraction and Review	
780; (	CHAPTER REVIEW TEST41	17b: Basic Multiplying Facts for Four	
		17c: Measuring Lengths	
OLLANT	CDA	17d: Measuring Heights	
CHAPT	EN O	17e: Problem Test	
Executes Sec. F		Exercise 18a; More Nessurement Problems	
	Perds That Tell You To Add	18b: Sasis Multiplying Facts for Five	
		18c: Short Division Problems	
60: E	lasje Ferts 44	18d: How Many Left Over?	81
	wo-Digit Subtraction 45-46	18e: More Division Problems	92
	hree-Digit Subtraction48-47	Exercise 1911: Basic Multiplying Facts for Six	93
	Iddition and Subtraction Review	19h: Short Division Problems	
	dding Three-Digit Numbers59	19c: Giva Correct Answers	B4
	subtraction Problems 51	19d: Short Division and Review	
	obtraction Problems52	PROSLEM TEST	85
Se: A	ddition Review53	tge: MID-TERM TEST	98-97

## **TABLE OF CONTENTS**

E1(400)23)145H(			2020230		
CHAPT	ER 5	či	A CO	ER Z	
					Architecture ()
	Basic Multiplying Facts for Savan			Addition Review	
	Review: Addition & Subtraction		30b:	Subtraction Review	142
	Liquid Monturements		30a:	Word Problems	143-144
	Basic Multiplying Facts for Eight		38d:	Using The Multiplication Table	145
	Multiply Larger numbers By Four1		3ba:	Multiphying Dollars And Cents	146
	Problem Test			Multiplication Exercises	
215:	Basic Multiplying Facts for Nine	102		Basic Facts For Division To 7 And 8	
	Dividing Zero By Any Number1			Division Problems	
	SuRiplication Review1			Word Problems	
	Division Problems1		31a:	Problems Without Numbers	151
	Multiplication Review1		se 32a:	Multiplication And Division	152
	Remainders In Long Division		320	Problems And Practice	153
	Dividing Three-Figure Numbers			Division Problems	
	Do You Multiply Or Divide			Addition Review	
	2-Digit Multiplication Problems		32e;	Division Problems	155
	Dividing By Five			Studying The Clock	
	Mukiplying 2-Digits And Regrouping		33b:	Dividing By 9	157
	Mired Multiplication And Regroupings 1			HEVIEW TEST	
	Multiplication Practice 1			Telling The Time - Minutes	
23t:	CHAPTER TEST 1		33e:	MuRiplication	161
		Exercis		Learning Customary Lengths	
				Division	
CHAPT	ERA			Learning Metric Measurements	
	the many state of the state of	A CONTRACTOR OF THE PARTY OF TH		REVIEW TEST	
Exarcise 24a:	Numbers To Ten Thousand ‡			Fractions - Part Of A Whole	
24b:	Problem Solving Strategy1	17-118 Exercis		Word Problems	
24c; [	Romen Humeralst	19	35b:	More Fractions	
	Raviaw Of Nultiplication1			Division With Remainders	
24a; (	Nore Word Solving Strategy1	20-121		Fractions - Part Of A Group	
Exercise 25a: I	Basio Facts in Division To 31			Ward Problems	
	Addition Review1			REVIEW TEST	
	Sending Flowers To The City1			Naming The Whole	
25d: J	Adding Long Columns 1	24	35c	One Third	175
	Diagnostic Test1			One Third - Part Of A Group	
Exercise 26a: E	Basic Facts In Division To 41		36a:	Addition And Subtraction Review	177
26h; \$	Find The Quotients1	26 Exercis	e 37a	Two Third - Part Of A Group	178
26s: I	Helps in Problem Solving1	27		The Calendar	
	Basic Facts In Division To 51			Addition And Subtraction Review	
26e: <del>E</del>	Exercises in Subtraction1	29	37d:	Fraction Review	181-182
Exercise 27s S	Subtracting Coins1	30	87a;	CHAPTER REVIEW TEST	182-183
	Making Change1				
27o: 6	Basic Feets in Division To 6	31 (2)			
	Diagnostic Test - Subtraction1		At d	REVIEW	
27e; £	Diagnostic Test - Multiplication	13		VIT AITAA	
	NuRipReation Review		e São	Roview Test - Addition & Subtractio	n 104
	Diagnostic Test - Division			Review Yest - Division	
	Stagnostic Test - Division 18		880:	Review Test - Multiplication	183
	roblem Solving Strategy ,			FINAL TEST: Chapters 1 to 4	
	Pividing Larger Numbers			FINAL TEST: Chapters 5 to 7	
	isip Solving Word Problems13		30C;	( ( ) to /	TBU-191
	red's Garden12				
	Insin Facts In Division To 7 45				

## Numbers, Groups, & Place Values

#### Exercise 1a: Numbers - 10 and under



Bowling, or Ten Pins as it was called in earlier days, is an excellent way to learn to add and subtract numbers.

1. If Martin rolls a ball and knocks over six pins; then rolls a second ball and knocks down 2 more pins, his score for the two balls would be 6 plus 2. Martin says his total would equal 8.

6

Is he correct?

\_ Correct Answer: YES .

2. These problems show other possible combinations that Martin could have scored with his 2 rolls. Write the total for each of these.

3	1	9	1	9	3	4	6
+ 3	+ 7	+ 0	+ 5	+ 1	+ 2	+ 4	+ 3
		9					

3. All 2-digit whole numbers have a tens place and a ones place. Count the groups of tens and ones, example to the right) and write the number in the square provided.

	 ***************************************	*********	A THE PARTY OF THE	*********	Teles
	Tens	Ones			7
	3	5	=	35	
198				,,,	

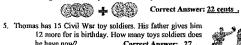
aabkaaaba Doorselaag	$\begin{array}{c c} \hline 2 & 1 & = \boxed{21} \end{array}$	ESSECTION OF THE PROPERTY OF T	$\begin{array}{c c} \hline 4 & 6 & = & 46 \end{array}$
COLORDINATIONS  THE REPORT OF THE PROPERTY OF	Tens   Ones   5   7   =   57		Tens Opes 6 4 = 64
	7 5 = 75	CONTRACTOR	8 9 = 89

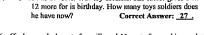
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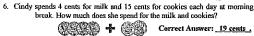
At Ted's birthday party, there were 8 boys and 7 girls.
 How many children attended his party?

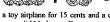


4. Maria has 12 cents in her pocket. Her mother giver her another 10 cents after doing her chores very well. How many cents does she have now?









7. Mark bought a toy airplane for 15 cents and a candy bar for 10 cents. How much money did Mark spend?



Correct Answer: 25 cents .

8. Linda is playing jacks. She picks up 6 on her first turn, and 9 on : playing jacks. She picks up to un not thin, which it is second turn. How many jacks did she pick up in both turns?

Correct Answer: 15.



9. Roger bought 2 pencils for 10 cents each. How much money did he have to spend to get the pencils?



Correct Answer: 20 cents . 10. Susan earned 25 cents yesterday. Today she did not earn any money. How much money did she earn for both days?



Correct Answer: 25 cents

0 25

15

12

+ 10

22

15 12

27

+ 15

19

10 25

15

+ 10

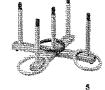
20

11. Write these grouped numbers as whole numbers

Con-Francisco Manageria									
$\frac{\begin{array}{c c} r & o \\ \hline 1 & 2 \end{array} = \boxed{12}$	$\frac{10}{24} = 24$	$\frac{7 \circ 3}{3 \circ 6} = \boxed{36}$	$\frac{\begin{array}{c c} r & o \\ \hline 1 & 1 \end{array} = \boxed{11}$	$\frac{\begin{array}{c c} r & o \\ \hline 2 & 7 \end{array} = \boxed{27}$					
$\frac{\frac{7}{0}}{0} = \boxed{01}$	$\frac{\begin{array}{c c} r & o \\ \hline 1 & 0 \end{array} = \boxed{10}$	$\frac{\begin{array}{c c} r & o \\ \hline 3 & 2 \end{array} = \boxed{32}$	$\frac{\frac{r \mid o}{1}}{1 \mid 7} = \boxed{17}$	$\begin{array}{c c} r & o \\ \hline 0 & 6 \end{array} = \boxed{06}$					
$\frac{7 \cdot 6}{2 \cdot 5} = 25$	$\frac{7 \circ}{4 \circ} = \boxed{46}$	$\frac{10}{51} = 51$	$\begin{array}{c c} T & O \\ \hline 4 & 4 \end{array} = \boxed{44}$	$\frac{\begin{array}{c c} \hline 7 & \circ \\ \hline 5 & 5 \end{array} = \boxed{55}$					

## Exercise 1b: Word Problems & Adding Zero

Tina and Elizabeth are playing a Ring Toss Game with Robert and Steven, and they are keeping score of the points they receive for each of the rings they toss.



0

10

16

11

1. Tina tosses her first two rings. Her first ring scores 5 points, and the other also scores 5 points.

5 What is her score? Correct Answer: 10 . 10

2. Elizabeth tosses her first two rings, one scores 7 points, and the other misses and scores 0 points.

3. Robert tosses his first two rings. His first ring scores 10 points, and the other one scores 6 points.

4. Steven tosses his first two rings, one scores 10 points, and the other one only

10 4 What is his score? Correct Answer: \_\_14\_.

Correct Answer: 16.

5. Below are some of the scores that Tina and Elizabeth received on tosses as they continued their game of Ring Toss, Can you add each score?

-	 	 _	 _		_	-		 _	_		_		
				+									
	2	5	10		8		9	10		3		10	

### Exercise 1c: Word Problems & Adding Cents

What is his score?

1. Michael has 4 gold fish and 3 black fish in his aquarium. How many total fish Correct Answer: \_ 7 .

2. Martha is raising chicks. One hen hatches 11 eggs, and the other hen hatches 8 eggs. How many chicks does Martha have now?

Correct Answer: 19 19

## CHAPTER 1 REVIEW

#### Exercise 1d: Counting Groups

Every 3- digit whole number has a hundreds place, a tens place, and a ones place.



Count the grouped images of hundreds, tens, and ones. Write the grouped numbers, then write the whole number.









