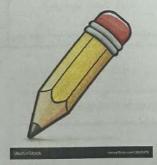




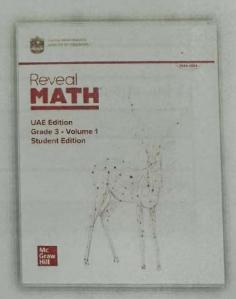
EoT_T1_Coverage_Grade 3 هيكل مادة الرياضيات للصف الثالث الفصل الدراسي الأول

Math Teacher: Farida Alhammadi



Good Luck!

School Principal:
Bakheeta Almansoori



Farida Alhammadi Farida Alhammadi

Academic Year	2024/2025
العام الدراسي	ZWZĄJZWZS
Term	
القصل	1
Subject	Mathematics/Reveal
المادة	الرباضيات ريفيل
Grade	
المِفْ	5
القبق	
Stream	General
المسار	Italia
Number of MCQ عدد المُسئلة الموصّوعية	15
Marks of MCQ درجة النُستلة الموضوعية	4

Number of FRQ عند الأسئلة العقائية	5
Marks per FRQ المرجات للأسئلة المقائمة	(6-13)
Type of All Questions	الأستلة الموضوعية /MICO
دوع كافة الأسئلة	FRQ/ الأسئلة المقالية
Maximum Overall Grade الدرجة القصوى الممكنة	100
مدة الامتحان - Exam Duration	150 minutes
	The second second
ریقة التطبیق- Mode of Implementation	Paper-Based
Calculator	Not Allowed
الآلة الحاسبة	غير مسموحة

	Questions might appear in a different order in the actual exam, or on the exam paper.	
		قَدَ تَظْهِرِ الْحُسْلَةَ بَرْسِبِ مَحْتَلَفَ فِي الاِمْتَحَالُ الْعَلَيْءَ أَوْ عَلَى لِيزَقَّةَ الاِمْتَحَال
11	As it appears in the textbook, and LMS.	
**		كا ورث في كتاب الطالب و LMS ,

School principal
Bakheeta Almansoori

Farida Alhammadi **Farida Alhammadi** Math Teacher
Farida Alhammadi

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		7	Design College			
		(2-5)	40			
	2 Use Addition Properties to Add	8,9	84			
	3 Une Partial Sums in Add	(1.7)	57			
	3 Use Partial Sums to Add	(8-12)	23			
- 100						
	4 Decompose to Subtract	(2-0)	63			
	a permitte a success	(1-32)	62			
		NAME OF TAXABLE PARTY.	THE RESERVE OF THE			
-	5 Adjust Numbers to Add or Subtract	(9-32)	64-			
		15	li2			
	6 Setve Two-Step Problems Involving Addition and Subtraction	(5-7)	10.			
-		19	103			
	THE RESERVE OF THE PARTY OF THE					
	7 Understand Equal Groups	(2-9)	n			
		*	112			
		(2-4)	97			
	II Use Arrays to Wultiply	10	322			
		(2-7)	350			
2	Understand the Commartative Property	(8-22)	309			
		de and	bite			
20	D Understand Equal Sharing	(5-12)	112			
		12	13.22			
		(2.30)	231			
11	Line Pullerna to Multiply by 2		232			
		(32-34)	132			
1			The second second			
12	Use Patterns to Multiply by 5	(3-21)	115			
		(12-25)	236			
32	Use Patterns to Multiply by 1 and 0	(2-22)	245			
		(12-14)	346			
1000						
14	Understand the Distributive Property	(2-6)	145			
-37	STREET, ST.	(7-32)	386			
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		200				
15	Use Proporties to Multiply by 4	(2-3)	372			

الأسئلة الموضوعية (الاختيار من متعدد) MCQ (الاختيار من متعدد) 15 موال كل سؤال 4 درجات

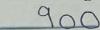
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Farida Alhammadi

use a number line to round.

- 1. Round 27 to the nearest 10. 30
- 2. Round 896 to the nearest 10

Page:39



Use place value to round.

- 3. Round 48 to the nearest 10. 50
- 4. Round 273 to the nearest 10. 270

Use a number line to round. Show your work.

- 400
- 5. Round 436 to the nearest 100. 6. Round 672 to the nearest 100. 700

7. How can the number 78 round to 80 and 100? Explain.

Vound 10
$$\Rightarrow$$
 78 \Rightarrow 80
Yound 100 \Rightarrow 078 \Rightarrow 100
Farida Alhammadi

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8. A number rounded to the nearest 10 is 240. What number

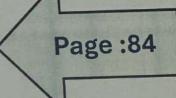
Example Anumber rounded to nearest 10

is
$$\frac{260}{256} = 260 L$$

 $\times 60$ $= 270 \times 100$
 $\times 268 = 270 \times 100$
 $\times 269 = 270 \times 100$

7. Circle the choice that correctly shows rounding to the nearest

$$780 784 \rightarrow 785$$
 $560 563 \rightarrow 560$



Commutative

How can you make the equation true?

Page:49

1.
$$218 + 325 = 325 + 218$$
 2. $465 + 78 = 78 + 465$

3.
$$529 + 407 = 407 + 529$$
 4. $505 + 93 = 93 + 505$

5. Mauricio had a sale. The table shows the number of items he sold each day. Which expressions show how to find the total number of items Mauricio sold? Choose all that apply.

A.
$$42 + 67 + 58$$

 $67 - 58 + 42$

C. $58 + 42 + 67$

 $58 + 67 + 24$

Items Sold		
Monday	58	
Tuesday	67)	
Wednesday	42	

6. How can you group the addends to make it easier find the sum? Explain your thinking.

4 636

$$372 + 264 + 228$$

$$-636 + 228$$

$$-864$$

Page:84

Complete the following using properties of addition. (Lesson 2-4)

ow can you decompose each addend? What is the sum?

$$\frac{200 + 500}{40 + 60} = \frac{500}{400}$$

$$\frac{40 + 60}{7 + 44} = \frac{11}{811}$$

$$\frac{300}{20}$$
 $\frac{327 + 176}{400}$ $\frac{100}{400}$ $\frac{300 + 100 = 400}{20 + 70 = 400}$ $\frac{190}{503}$ $\frac{190}{503}$

5. Whitney uses partial sums to add. Look at her work to determine which two numbers were in her original equation.

$$216 + 382 = 598$$

$$200 + 200 = 500$$

$$10 + 80 = 90$$

$$6 + 2 = 8$$

$$500 + 90 + 8 = 598$$

6. How can you determine which addends are in the original equation by looking at the partial products?

7. Tyrone spent 172 days in school last year. If he attends school the same number of days next year, how many days will he spend in school in two years?

Farida Alhammadi

Farida Alhammadi

(2-7) 57 (8-12) 58

Page:58

How can you find the sums in a different way?

8.
$$475 + 325 = 800$$

 $400 + 300 = 700$
 $70 + 20 = 90$
 $5 + 5 = 10$
 $700 + 90 + 10 = 800$

9. 238
$$\frac{20^{\circ}}{30} = 238 + 271 < \frac{200}{70}$$

$$\frac{400}{400} = 200 = 400$$

$$\frac{200 + 200 = 400}{30 + 70 = 100}$$

$$\frac{400}{509} = \frac{400}{509}$$

10. Eleanor's watch shows her steps before lunch. Then she took 486 more steps. How many total steps did she take? 486 + 467 = 953



11. From Analysis Amal adds 378 + 141. She decomposes each number and adds 300 + 100 = 400. She writes

378 + 141 = 400. How can you explain her mistake?

12. Extend Your Thinking How can you solve 249 + 401 + 276 using partial sums? Show your work.

$$200 + 400 + 200 = 800$$

 $40 + 70 = 110 + 9 + 1 + 6 = \frac{16}{926}$

Farida Alhammadi

How can you decompose the number in 2 ways?

Page:61

How can you decompose one number to subtract? Why did you

choose that way? $\begin{array}{c} 3. & 495 - 122 \\ \hline 495 - 100 = 395 \\ \hline 395 - 20 = 375 \\ \hline 375 - 2 = 373 \\ \hline \end{array}$

4.
$$639 + 370 = 300$$
 $639 - 300 = 339$
 $300 = 339$
 $300 = 339$
 $300 = 339$
 $300 = 339$

How can you find the difference? Show the strategy you used.

$$\begin{array}{c|c}
 & = 333 - 114 \\
\hline
 & 393 & 19 \\
\hline
 & -114 & 219 \\
\hline
 & 219 & +114 \\
\hline
 & 333 \\
\hline
 & & & & \\
\end{array}$$

ror Analysis Juan subtracts 345 – 101. He decomposes 101 into 100 and 10 and subtracts the parts from 345. How can you help him understand his mistake?

10. The table shows the number of people who attended the school fun fair each day. Show a strategy to find the difference between the greatest and least number of people.

	257
-	103
	154

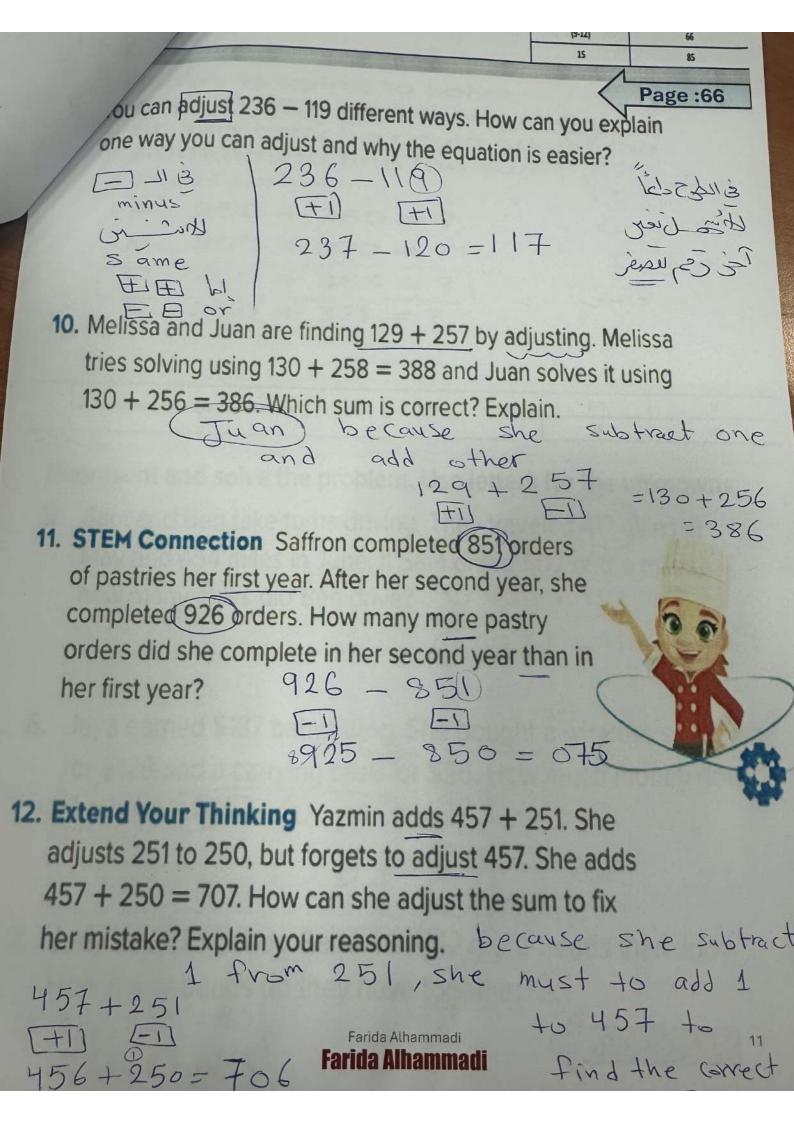
Fun Fair Visitors		
Day	Number of People	
Thursday	103	
Friday	168	
Saturday	257	
Sunday	224	

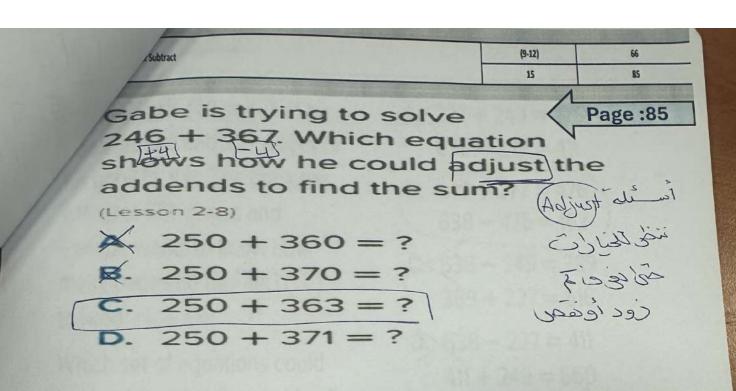
- 11. A baker bakes 268 bread rolls. 155 are cinnamon rolls.

 The rest are plain rolls. How many plain rolls does she bake?

 268
 155
- 12. Extend Your Thinking Ana subtracts 438 342 by decomposing 342. She subtracts 2, then 300, and finally 40. Can she subtract the parts in any order?

 Explain your reasoning





113	6 Solve Two-Step Problems Involving Addition and Subtraction	(5-7)	81
6		19	85
6	Solve I wo-Step Problems involving Addition and Subtraction	19	- 50

Represent and solve the problem. Use letters for the unknowns.

5. Sam and Ben take turns driving. They traveled 417 miles in May and 454 miles in June. If Sam drove 502 of the miles, how many miles did Ben drive? 0 454 + 417 = 871

6. Jaya earned \$187 babysitting. She bought a wireless speaker for \$129 and a carrying case for \$26. How much money does she have left?

187 - 129 = 58

7. Judy has 323 beads. Sarah has 142 more beads than Judy.
How many beads do they have together?

O 323 + 142 = 4651

Q 465+323=788

Farida Alhammadi Farida Alhammadi Page:81

12

(5-7)	81
19	85

due read 249 pages of his ook in June and 227 pages of his book in July. The book has a total of 638 pages and Enrique wants to know how many pages he has left (to read, (Lesson 2-12)

Which set of equations could be used to solve the problem?

A. 227	+	249	=	476
638	_	227	_	111

$$389 + 227 = 616$$

$$0.638 - 227 = 411$$
$$411 + 249 = 660$$

Page:85

Understand Equal Groups

(X)	multip	1
	111 001 111	

(1-9)	93
1	122

How many? Fill in the blanks. 3x4 = 12

1.



gequal groups of 4



Page:93

2 X5=10

2 equal groups of 5

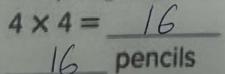
How can you represent the equal groups?

2 equal groups of 7

$$2 \times 7 = 14$$

4. 4 equal groups of 5

low many objects?



. 4 equal groups of 4 pencils 6. 3 equal groups of 2 mittens

Farida Alhammad $3 \times 2 = 6$ Farida Alhammadi

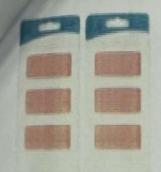
13

(1-9)	93	
1	122	

equation represents the equal groups?



Page:93



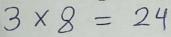
 $2 \times 3 = 6$





$$4x2 = 8$$

9. **STEM Connection** Finn has 3 construction sites. He assigns 8 workers to each site. How many workers does he assign? Explain how you know.





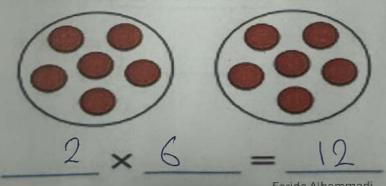






7. How can you represent these groups of counters? (Lesson 3-1)

Page :122



Farida Alhammadi

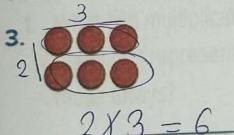
w many? Complete the equations.

Page:97



$$2 \times 5 = 10$$

$3 \times 4 = 12$ Write one addition equation. Write one multiplication equation.



4 + 4 + 4 = 12

$$2x3 = 6$$
 $3 + 3 = 6$

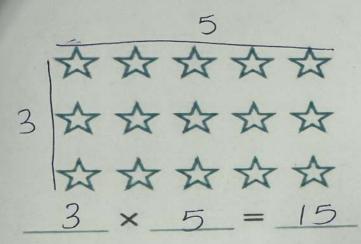
How can you draw an array to represent the equation?

Farida Alhammadi Farida Alhammadi

(1-6)	97
10	122

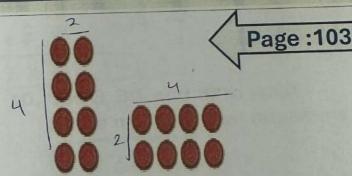
What equation represents the stars shown? (Lesson 3-2)

Page :122



		(1-7)	103
Understand the Commutative Property	Commutative	(8-12)	104

1. What two multiplication equations represent these arrays?



4x2=2

2. Sam says that 6×2 and 2×6 have the same product. Do you agree $ext{$y$ es}$

with Sam? Explain why or why not.

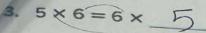
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Farida Alhammadi Farida Alhammadi

(1-7)	103
(8-12)	104

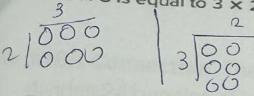
at makes the equation true? Fill in the blank.

Page :103

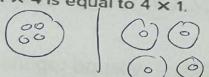


4. 9 × 0 =

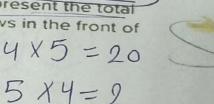
5. Use representations to show 2×3 is equal to 3×2 .

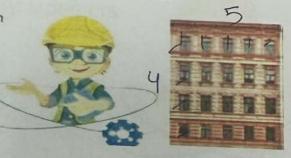


Use representations to show 1×4 is equal to 4×1 .



STEM Connection Finn's construction team just finished placing windows in the building. What two multiplication equations can represent the total number of windows in the front of the building?





8. How can you explain whether this statement is true or false?

$$7 \times 2 = 14$$
, so $14 \times 2 = 7$.
False 14 groups of 2 not 7
 $7 \times 2 = 14$, so $14 \times 2 = 7$.
Page:104

9. How does knowing the product of 9 x 6 help you find the product of 6 x 9?

$$9 \times 6 = 54$$

 $6 \times 9 = 54$

10. Use 3, 30, and 10 to write 2 true multiplication equations.

$$3 \times 10 = 30$$
 $10 \times 3 = 30$



11. Oliver has 3 sheets of stickers with 4 stickers on each sheet. Sara has 4 sheets of stickers with 3 stickers on each sheet. Who has more stickers? Explain.

$$3x4 = 12$$

$$4x3 = 12$$

both, Same numbers

(Commutative

12. Extend Your Thinking Explain how this array represents 9 x 3 and 3 and 9 ammadi

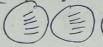
 $9 \times 3 = 27$ Farida Alhammadi 3×9=27



representation and write an equation for each situation.

There are 25 crackers to be shared equally among 5 powls.

25-5=5



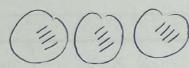






10. STEM Connection The construction manager equally divides 24 bundles of lumber among 6 carpenters.

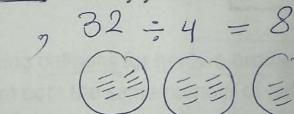
24 - 6 = 4







11. Emma picks (32) peaches. She need 8 peaches for each batch of jam. If she makes 4 batches, will she have any peaches left over? Justify your answer.









12. Extend Your Thinking Ms. Bain has 3 art tables. She shares 27 markers equally among the tables so each student gets B markers. How many students sit at each table? Explain how 27 -3 = 91 you know.

If each Student get 3 mar Rers.

Page:108

then: 19-3=3

Farida Alhammadi

(9-12)	108
12	122

Clara has 20 glue bottles to place at 5 tables. She will place the same number of bottles on each table.

 $4.5 \div 4 = 20$

 $5 \div 20 = 4$

 $4 \div 5 = 20$

Which equation represents the problem? (Lesson 3-4)

 $20 \div 5 = 4$

المسية داعًا سلا

			The second second		
11	Use Patterns to Multiply by 2	(x2)	multiply.	(1-10)	131
			5 69	(11-14)	132

1. Byron is making loaves of bread. He uses 2 cups of flour for each loaf. Complete the table to show how many cups of flour he needs for each number of loaves.

×2		
Cups of Flour		
10		
12		
19		

2. Arya is buying balloons for her two brothers. She wants to give them both the same number of balloons. How can you write an equation to represent the total number of balloons Arya might buy? 2 X numbers of balloons.

example 2x9=18

3. Peter is cooking potatoes in a large pot. The recipe calls for 2 minutes of boiling for every pound of potatoes. How many minutes will it take Peter to cook & pounds of potatoes?

60	210	
40DIV	IJΨ	2
CALIFIE	26.	

(1-10)	
	f

131

(11-14)

132

Draw a line to connect the related equations.

$$2 \times ? = 4 -$$

$$2 + 2 = ? 4$$

Page :131

How can you complete the equation?

5.
$$2 \times 9 = 18$$

6.
$$20 = 2 \times 10$$

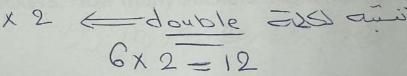
7.
$$6 \times 2 = 12$$

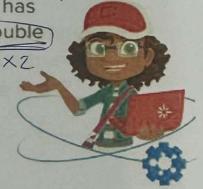
$$8.8 = 4 \times 2$$

9.
$$3 \times 2 = 6$$

Page :132

11. STEM Connection Matthew's computer program has 6 lines of code. Grace's computer program has double the number of lines of code as Matthew's. How x2 many lines of code does Grace's program have?





12. Jenine has 7 pencils. Karly has double the number of pencils Jenine has. How many pencils does Karly have?

13. Choose the equations that are true.

$$A. 2 \times 5 = 5 + 5$$

$$\propto 2 \times 6 = 6 + 2$$

$$2 \times 3 = 2 + 3$$

D.
$$2 \times 4 = 4^{2} + 4$$

14. Extend Your Thinking Sarah has 4 plocks. Frank has double

that number of blocks. Zehrarital double Frank's number of Frank's number of locks. How can you find the number of blocks Zehra has?



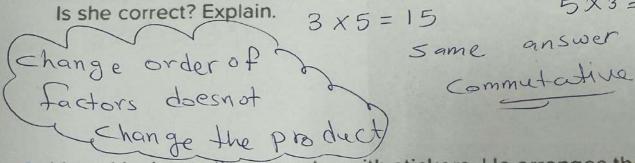
can you use what you know about multiplication with o answer the question?

Page :135

1. What can you say about the products of ×5 facts?

2. Sheila says that knowing 3 x 5 can help you remember 5 x 3.

Is she correct? Explain. $5 \times 3 = 15$



3. Marcel is decorating a poster with stickers. He arranges the stickers into 5 rows. Each row has the same number of stickers. How many stickers might Marcel have in all?

5, 10, 15, 20, 25, 30, 35, 40.

How can you complete the equation?

$$4.5 \times 9 = 45$$

$$6.6 \times 5 = 30$$

8.
$$10 \times 5 = 50$$

5.
$$35 = 5 \times 7$$

7.
$$25 = 5 \times 5$$

9.
$$3 \times 5 = 15$$

10.
$$2 \times 5 = 10$$

ary Lou does 5 jumping jacks. If she does the same number of jumping jacks for 4 days in a row, how many jumping jacks does Mary Lou do? $5 \times 4 = 20$

Page :136

13. Sara puts the same number of fish shown in each of 5 tanks. How many fish does she have?



14. Which equations are true? Choose all that apply.

$$\times 5 \times 3 = 3 + 3 + 3$$

$$6 \times 5 \times 2 = 5 + 2$$

$$4.5 \times 3 = 3 + 3 + 3$$
B. $3 \times 5 = 5 + 5 + 5$

$$5 \times 2 = 5 + 2$$
 $0.5 \times 4 = 4 + 4 + 4 + 4$

15. Extend Your Thinking Lee has 32 books. He says he can make 5 stacks of books with the same number of books in each stack. Is he correct? Explain.

does not hafarida Alhammadi

22

-				
ative Property	multiply	by Oor (1)	(1-6)	165
		1	(7-12)	166

can you complete the equation?

$$7 \times 1 = 7$$

The box and share all of the crackers in the box. They each get 0 crackers. How many crackers were in the box?

8. Eli checks out some books from the library. He reads Pook per day. How many days will it take Eli to read all his books?

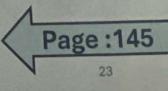
$$|x| = 1$$

 $|x| = 2$
 $|x| = 3$
 $|x| = 4$
 $|x| = 4$
 $|x| = 4$

9. Carter starts playing a new game. He completes 0 levels per day for a week. How many levels will Carter complete by the end of the week? week = 7 days

10. Mr. Mustafa buy 1 ersey for each player on his daughter's team. There are 9 players. How can you write an equation to find the number of jerseys he buys?

11. There are bins. Each bin has 1 book. How can you write an equation to show the number of books there are?



Which equations are true? Circle all that are correct.

$$\begin{array}{c|c} \hline \textbf{C. } 0 \times 3 = 9 \times 0 \\ \hline \end{array}$$

$$\times 1 \times 10 = 5 \times 1$$

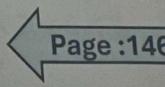
13. Error Analysis Elijah says that multiplying 4 by 0 is like adding 0 to 4. His work is shown. Do you agree? Explain. No

$$4+0=4$$
 $54+4\times 6=0$

multiply any number by Zero always Zero

14. Extend Your Thinking Does the equation $1 \times 0 = ?$ follow the pattern of multiples of 0, multiples of 1, or both? Justify your reasoning. Both

> product of Zero always o product of 1 same number

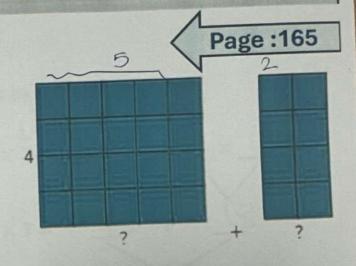


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E	P	U	¥.	IV	f

(1-6)	165
(7.12)	166

How can you use the representation to decompose 9 < 2

$$4 \times 7 = 4 \times 5 + 4 \times 2$$
 $4 \times 7 = 20 + 8$
 $4 \times 7 = 28$



2. How can you decompose 9 x 6?

$$9 \times 6 = 5 \times 6 + 4 \times 6$$
 $9 \times 6 = 30 + 24$
 $9 \times 6 = 54$

What number makes the equation true?

$$\frac{3}{3} \times 7 = 3 \times 7 + 3 \times 7$$
 $\frac{3}{3} = 6$

$$\sqrt{3}$$
 $7 \times ? = 5 \times 8 + 2 \times 8$
 $? = 8$

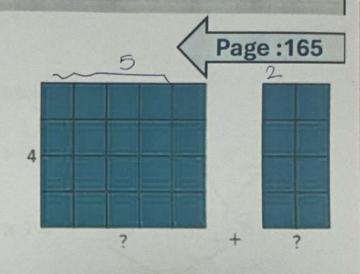
5.
$$1 \times 9 + 5 \times 9 = 9 \times ? \begin{cases} 5 \\ 6 = ? \end{cases}$$

6.
$$6 \times 2 + 6 \times 2 = 6 \times ?$$

$$-4 = ?$$

How can you use the representation to decompose < 5 ≥ 5

$$4 \times 7 = 4 \times 5 + 4 \times 2$$
 $4 \times 7 = 20 + 8$
 $4 \times 7 = 28$



2. How can you decompose 9 x 6?

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What number makes the equation true?

$$3 \times 7 = 3 \times 7 + 3 \times 7$$

?=_6_

$$7 \times ? = 5 \times 8 + 2 \times 8$$

? = 8

6.
$$6 \times 2 + 6 \times 2 = 6 \times ?$$
 $\stackrel{?}{>} \stackrel{?}{>} \stackrel{?}{>}$

(1-6) [7-12]

Page:166

w can you decompose one of the factors to find the product?

$$7.8 \times 6 = 4 \times 6 + 4 \times 6 = 9 \times 6 = 9 \times 5 + 9 \times 2$$

$$8 \times 6 = 24 + 24$$

8.
$$9 \times 6 = \frac{9}{9} \times \frac{5}{5} + \frac{9}{9} \times \frac{2}{5}$$

$$8 \times 6 = \frac{24}{4} + \frac{24}{4} = \frac{45}{4} + \frac{18}{4}$$

$$\frac{5}{9}.9\times8 = \frac{5}{5}\times\frac{8}{9} + \frac{4}{9}\times\frac{8}{3} = \frac{5}{3}\times4 = \frac{5}{3}\times\frac{4}{9} + \frac{3}{3}\times\frac{4}{9}$$

$$9 \times 8 = 40 + 32 8 \times 4 = 20 +$$

$$3 \times 4 = 20 +$$

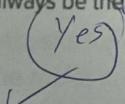


11. STEM Connection Some nurses work 8 hours X each day for 7 days. How many hours do some nurses work in 7 days? Explain your strategy.

$$4 > 8 \times 7 = 4 \times 7$$
 $4 \times 7 + 4 \times 7$
 $28 + 28 = 56$



12. Extend Your Thinking If you decompose a factor in a multiplication equation in different ways to multiply, will the product always be the same? Explain.



Yes, same array when

do it in any arranges

of same factor

Farida Alhammadi

Farida Alhammadi does not

Page :173

ow can you use the 2s fact to find the unknown? 16+16 double

2.
$$2 \times 3 = 6$$

2.
$$2 \times 3 = 6$$
 $4 \times 3 = 12$

3.
$$2 \times 9 = 18$$
 $9 \times 4 = 36$

4.
$$5 \times 2 = 10$$

4.
$$5 \times 2 = 10$$
 $5 \times 2 = 20$

How can you decompose to solve the problem? Small number Show your thinking.

multiply (8)

6. Mrs. Turner use 9 eggs every week to make breakfast for her family. How many eggs does she use in 4 weeks?

$$\frac{2}{2}$$
 $4)$ $19 = 36$
 $2 \times 9 + 2 \times 9$
 $18 + 18 = (36)$

7. Tyler made 4 friendship bracelets for each of his friends. How many bracelets did he make if he has 8 friends?

$$\frac{2}{2}$$
 $4X8 = 32$
 $2X8 + 2X8$
 $16 + 16 = (32)$

8. Luis babysits for 4 hours. He makes \$6 per hour. How much does he make in all? 2 4X6=24

2x6+2x6

Farida Alhammadi 12 + 12 = (2 4)

Page: 174

Error Analysis Zara found the product of 4×7 . She followed these steps.

- (1) First, she found the product of 2 x 7, which is 14.
- (2) Then, she added 14 + 14 = 28.

Zara says that $4 \times 7 = 28$. Do you agree or disagree? Explain.

yes / because she decompose then double

10. What completes the equation?

$$28 = 7 \times 4$$

$$4 \times 10 = 10 \times 4$$
 $5 \times 4 = 20$

$$5 \times 4 = 20$$

$$6 \times 4 = 4 \times 6$$

$$36 = 4 \times 9$$

M. Which is equal to 9 x 4? 2

$$0.2 \times 4 + 2 \times 4$$

12. Extend Your Thinking How can you use properties to find

the products of 4 x 2 4 x 6, and 4 x 0? Explain. 4x 0 = 0 2-(4)x 6 Commutative) 4x2=8 2X6+2X6 502X4 = 8

Farida Alhammad 2 + 12=24

any number multiply by

0 =

patterns



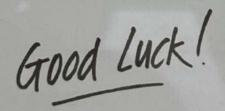
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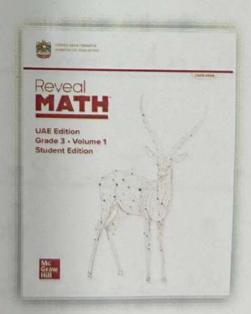
EoT_T1_Coverage_Grade 3 هيكل مادة الرياضيات للصف الثالث الفصل الدراسي الأول

Math Teacher: Farida Alhammadi





School Principal:
Bakheeta Almansoori

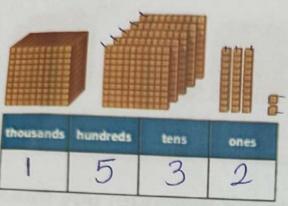


Learn		- THE PARTY NAMED IN COLUMN TWO IS NOT THE OWNER.	
(1-7)		34	
		35	
(8-12)	4	36	

What number is represented by the base-ten blocks?

Page:35

1.



2.

			amma poopp poo
thousands	hundreds	tens	ones
1	0	9	8

How can you represent the number in the place-value chart and in expanded form?

3. 2.446

housands	hundreds	tens	ones
2	4	4	6

4. 4,729

housands	hundreds	tens	ones
4	7	2	9

2,000 + 400 + 40 + 6 4,000 + 700 + 20 + 9 How can you represent the number shown in standard form and expanded form?

5. three thousand, one hundred twelve

3,112 3000+100+10+2

6. six thousand, eighty-seven

6,000 + 80 + 7

7. seven thousand, two hundred twenty-four

7,000+200+20+4

Lann	
Learn	34
(1-7)	35
(8-12)	36

How can you represent the number shown in standa and expanded form?

Page:36

8.



1,553

1,000 +500+50+3

How can you represent the number in standard form?

9.
$$8,000 + 500 + 2$$

8,502

10. 9,000 + 50 + 2

9,052 [9]0[5]2]

11. STEM Connection 1,455 customers visited Saffron's pastry shop this month. Last month 1,355 customers came to the shop. Explain how she can use place value to determine the difference in the number of customers.

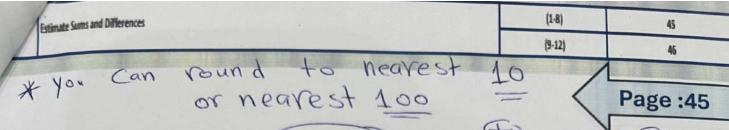
100

One hundred

400-300 = 1001

12. Extend Your Thinking Use the digits shown to write a number with the least possible value. Write the number in standard form, expanded form, and word form.

2000 + 300 + 80 + 8



What is a reasonable estimate of the sum or difference?
Write or draw to show your thinking.

2.
$$? = 695 - 205$$

 $700 - 200$
 $= 500$

3.
$$?=317+248$$

 $300+200=500$

4.
$$473 + 218 = ?$$
 $500 + 200 = 700$

7. How can you use rounding to estimate the sum of
$$389 + 223$$
?

to nearest 100

400 + 200 = 600

or

to nearest 10

389 + 223

390 + 223

390 + 220 = 610

8. A complete set of baseball cards has 678 cards.

Julio needs 273 more cards to complete his set. How can you use rounding to find about how many cards are in Julio's collection?

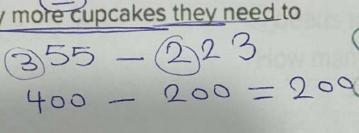
(678 + 273

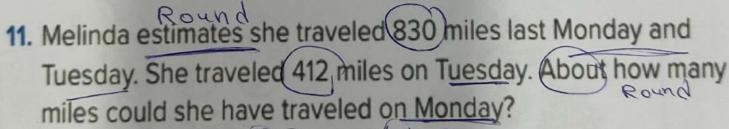
Farida Alhammadi Farida Alhammadi

9. The Comic Book Shack displays 318 comic books near the front door and keeps 502 comic books in the storage room. Round How can you use compatible numbers to find about how many comic books are in the store? +

5002 + 318 = 800 500 + 300 = 800

10. STEM Connection Saffron's bakery needs to decorate 355 cupcakes for an event. It has Row about how are so far How can she determine about how many more cupcakes they need to decorate?





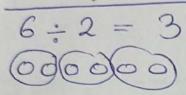
12. Extend Your Thinking Jason has 744 flyers to deliver. If he has delivered 62 flyers at each of his last 2 stops, about how many flyers does he have left to deliver? 744 - 126

* لس أل عن عدد التوزيع (فسم) *

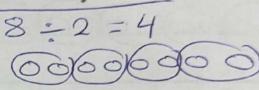
Page:111

How can you draw a representation and answer the question?

1. (6)dogs 2)dogs at each water bowl How many water bowls?



2. Sballoons (2) balloons for each child How many children?



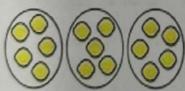
3. (10) plates 5 plates on each table How many tables?

10 - 5 = 2 6000000000 4. (12 beads 4 beads for each bracelet How many bracelets?

> 12-4=3 60000000000

Which division equation describes the representation?

5



A.
$$15 \div 3 = 5$$

$$15 = 3 \div 3$$

$$5.15 \div 5 = 5$$

$$12 \div 5 = 5$$





$$12 = 3 \div 4$$

D.
$$12 \div 3 = 4$$

A Count Grouping	(1-8)	111
Understand Equal Grouping	(1-7)	115
) Relate Multiplication and Division	(8-12)	116

Page :111

How can you write and solve an equation for the situation?

- 7. 8 students divided into 4 groups 8 4 = 2
 - [00000000]
- 8. 10 players divided into2 teams 10 2 = 5



-	10000000000000000000000000000000000000	(1-8)	111
a) Ur	nderstand Equal Grouping	(1-7)	115
18 b) Re	elate Multiplication and Division	(8-12)	116

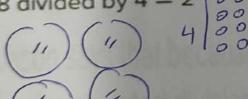
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Page :115

How can you draw an array to represent the situation?

للعزن اولعس

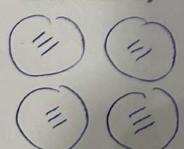
1. 4 groups of 2 = 8 $4x^2 = 8$ 8 divided by 4 = 2

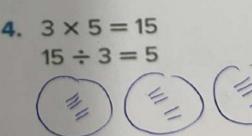


2. $2 \times 8 = 16$ $16 \div 2 = 8$ 2 0000 000

How can you draw an equal group to represent the situation?

4 % 3 = 123. 4 groups of 3 = 12 12 divided by 4 = 3





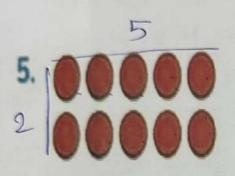
Anderstand Equal Grouping	(1-8)	111
	(1-7)	115
b) Relate Multiplication and Division	(8-12)	116

(: (") 3)

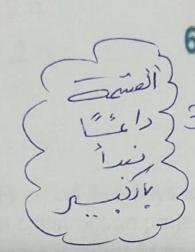
Page :115

[[[] Array is Limited Array is A moto

How can you write a division equation for the representation?



$$2 \times 5 = 10$$



$$3 \times 6 = 18$$

$$10 \div 2 = 5$$

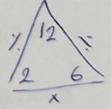
 $10 \div 5 = 2$

$$18 \div 3 = 6$$
 $18 \div 6 = 3$

7. Jason says that because he knows $6 \times 2 = 12$, he also knows a related division equation. Explain why you agree yes I agree or disagree.

$$6x2 = 12$$

So, $12 \div 6 = 2$
or $12 \div 2 = 6$



Page: 116

Write a multiplication and a division equation to represent each model.





3

5

$$5 \times 4 = 20$$

 $4 \times 5 = 20$

$$7 \times 3 = 21$$

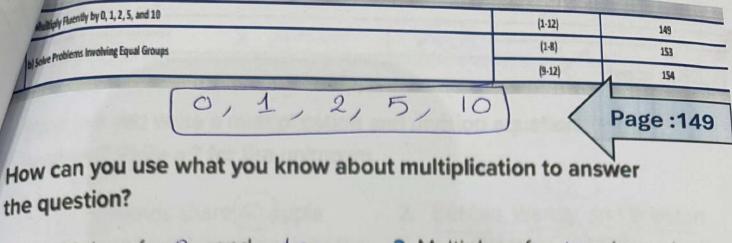
 $3 \times 7 = 21$
 $21 \div 7 = 3$

21 - 3 = 7 10. STEM Connection Finn has 245 days to complete 3 parts of a construction project. He wants to spend the same number of days on each part. How can you write a multiplication and a division equation to represent the problem? Use a? for the unknown. 245-3=9



11. How can pairs of shoes represent a multiplication and a 9 X 2 = 18 division equation? 18 = 2 = 9 18-9-2

12. Extend Your Thinking Mr. Mack gives 3 pencils to each of his students. He had 24 pencils. How can you use the multiplication equation $8 \times 3 = 24$ to find how many students he has in class? 24:3=8



- 1. Multiples of 2 and 10 are always even.
- 2. Multiples of 10 always have a Oin the ones place.
- 3. The product of any number and 1 is itself. __ine
- The product of any number and ____ is always 0. داغ وي

How can you complete the equation?

$$5.5 \times 3 = 15$$
 $\frac{5}{10}$ $\frac{15}{15}$

$$6.2 \times 7 = 14$$
 $7+7$

9.
$$30 = 5 \times 6$$

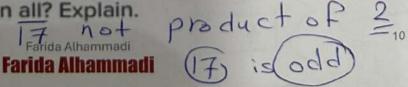
10.
$$9 \times 1 = 9$$

10 000 9 9 Secents might he have? Explain how you know.

0,5,10,15,20,25,30,35,40,45

12. The Lee family buys pairs of mittens for their vacation. Can the Lee family buy 17 mittens in all? Explain.

No, be cause 17 not product of 2 not product of



cultiply Fluently by 0, 1, 2, 5, and 10			(1-12)	
b) Solve Problems Involving Equal Groups	3 sugues	(each)	(1-8)	149
	ا عدىم			Page :153
How can you write a mult	tiplication and	division	equation fo	r the
problem? Write a ? for the	unknown.			
8			(3)	
1. Eight friends share 40		. Bobbie	, Wendy, ar	nd Winston
slices. If each friend re				1 to go to the
same amount of apple				ach person
many does each perso	on receive?		me amount,	
one 8×?=?	40	did ea	ch person s	pend? 7=7
100 -	.)		21-3	
we [= 3				
(1)			arns \$25 h	
over seven days. If he			urs. If she	1
same amount of time	No. of the latest of the lates		mount eac	
how many minutes die	the run = 7= ?		7 1	he get paid
æach day? 56 - 7 X	?=56	per ho	ur! 5	x?=25
	=81			12=5
How can you draw a represe		e set of e	quations?	
				Surix .
5. $6 \times ? = 18$ $? = 3$		$8 \times ? = 2$ $24 \div 8 =$		*Enllect
(1) (2) (2)		2767	(0)	5 7 3
	(4)	20	5	الحوارث ا
(1) (1) (2)		(1)(1)	(3)	، وورع
		?= 2	31	One
7. $9 \times ? = 36 \boxed{9 - 4}$	8.	3×2-2	11	· by
36 ÷ 9 = ?	0.	$21 \div 3 =$?	one
(1)(1)(1)(1)	(E) (E)	三三三	三	" dla Soll
				في السوال
(11) (11) (11) (11)	Farida Alhammad		=7	C 11 T
	Farida Alhamn	iadi		

(a) Multiply Fluency by 0, 1, 2, 3,	(1-8)	153
b) Solve Problems Involving Equal Groups	(9-12)	154
		250000
THE WAY AND A TO SHARE THE PARTY OF THE PART	/	Page :1!

* لما يحون رفع واحدة الحساكة نميته إما الرقع الثياي

Sam bought tickets to the county fair. How much did each ticket cost if each costs the same amount? $36 \div 6 = ?$



10. Carlos spends 35 minutes on homework. He spends the same amount of time on each of his 5 assignments.

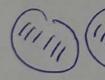
How long does he spend on each assignment?

11. STEM Connection It takes Grace 24 hours to write a computer program for 4 robots. If each program takes the same amount of time to write, how long does it take Grace to write one program?

Explain.

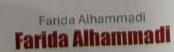








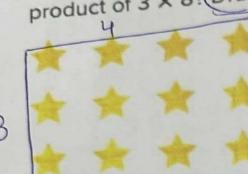
12. Extend Your Thinking Describe a situation that could be represented by the equations $4 \times ? = 12$ and $12 \div 4 = ?$. Then solve.



LEGITI	180
(1-6)	181
(7-14)	182

The array represents 3 × 4. How can you use it to find the

product of 3 x 8? Draw to show your work.



对从来本 ** ** 3

Page:181

2. Jonathan placed cubes in 8 rows, with 6 cubes in each row. How can you decompose a factor to find the number of cubes he placed?

$$\frac{4\times6}{24} + \frac{4\times6}{24} = 48$$

3. How can you find the products of 1 x 8 and 8 x 1 without 1X8 = 8 decomposing?

$$8x1 = 8$$

Commutative

How can you use 2s and 4s facts to complete 8s facts?

Double

13

$$4 \times 3 = 12$$

$$4 \times 4 = 16$$

6.
$$2 \times 5 = 16$$

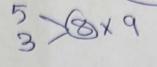
A	(a+b) Use Properties to Multiply by 8
1	(a+b) Use Properties to Multiply by 8,
	ا کررو

Learn	
	180
(1-6)	181
(7-14)	182

7. Complete each step to find the product of 8 x 9 using

$$3 \times 9 = 27$$

$$8 \times 9 = 72$$



8. Error Analysis Tobias says that he can find the product of 4 x 8 by decomposing either of the factors into equal parts.

$$4 < \frac{2}{2} + \text{ or } 8 < \frac{4}{3} + \frac{4}{3}$$

How can you complete the equation?