

تم تحميل هذا الملف من موقع المناهج الإماراتية



حل مراجعة نهائية وفق الهيكل الوزاري منهج ريفيل

موقع المناهج ← المناهج الإماراتية ← الصف الثالث ← رياضيات ← الفصل الأول ← حلول ← الملف

تاريخ إضافة الملف على موقع المناهج: 14:54:03 2024-12-08

ملفات اكتب للمعلم اكتب للطالب الاختبارات الكترونية الاختبارات ا حلول اعروض بوربوينت أوراق عمل منهج انجليزي ملخصات وتقارير ا مذكرات وبنوك الامتحان النهائي للمدرس

المزيد من مادة
رياضيات:

إعداد: مدرسة الراقية

التواصل الاجتماعي بحسب الصف الثالث



صفحة المناهج
الإماراتية على
فيسبوك

الرياضيات

اللغة الانجليزية

اللغة العربية

التربية الاسلامية

المواد على تلغرام

المزيد من الملفات بحسب الصف الثالث والمادة رياضيات في الفصل الأول

مراجعة نهائية وفق الهيكل الوزاري منهج ريفيل

1

أسئلة مراجعة نهائية وفق الهيكل الوزاري منهج بريدج

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حل أسئلة اختبار تدريبي نهاية الفصل وفق الهيكل الوزاري منهج بريدج

3

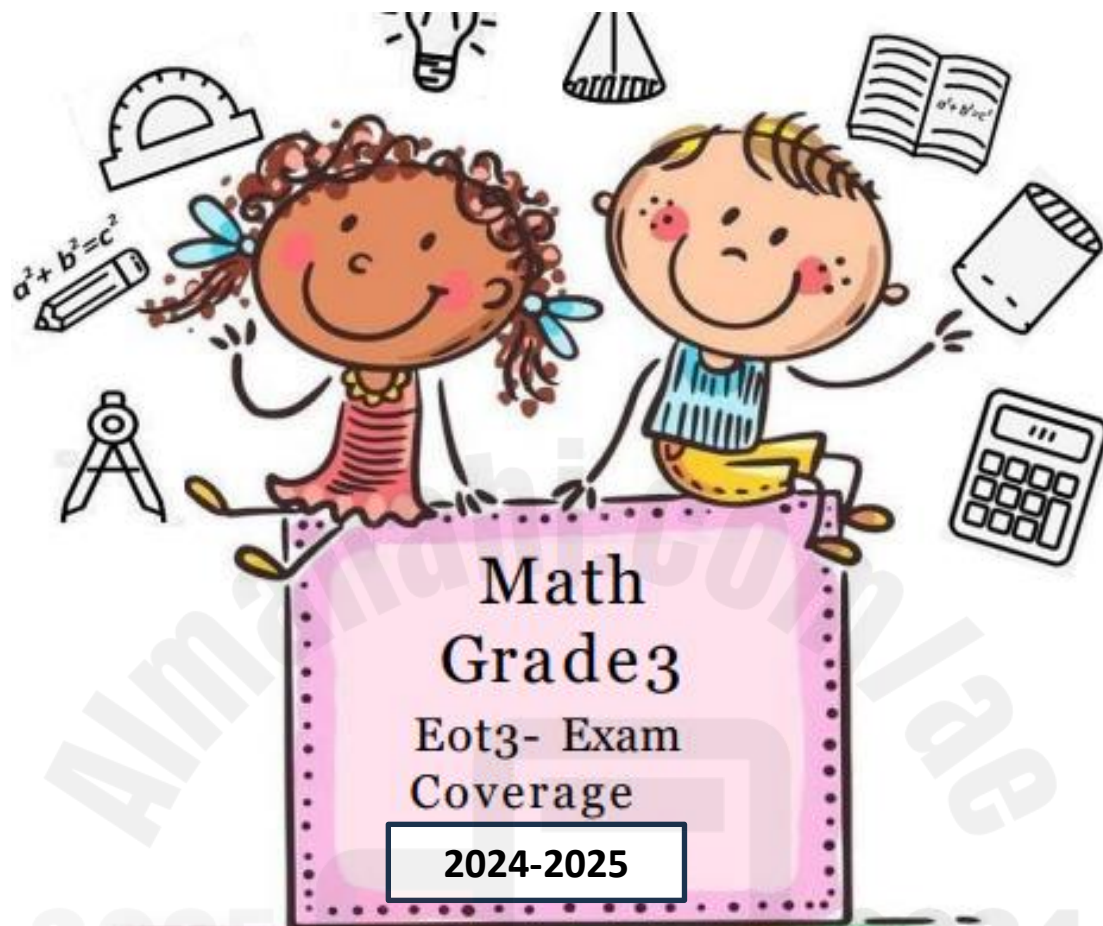
أسئلة اختبار تدريبي نهاية الفصل وفق الهيكل الوزاري منهج بريدج

4

أسئلة مراجعة شاملة وفق الهيكل الوزاري

5

Grade 3 – Review Term 1



Name: _____

Grade: 3 \ _____

Teachers: Ms. Jumana Mohammed
Ms. Eiman Aljneibi

Principal : Latifa alnuaimi

Grade 3 – Review Term 1

Round 27 to nearest 10

a.20

b.25

c. 30

Round 896 to nearest 10

a.900

b.800

c. 890

Round 48 to nearest 10

a.40

b.50

c. 45

Round 273 to nearest 10

a.200

b.300

c. 270

Round 436 to nearest 100

a.400

b.500

c. 440

Round 672 to nearest 100

a.600

b.700

c. 670

Round 78 is the nearest 10

a.70

b.80

c.75

A number rounded to nearest 10 is 240 . what number could be

a.233

b.235

c.231

Circle the choice that correctly shows rounding to the nearest 10

a.784 \longrightarrow 785

b. 563 \longrightarrow 560

c. 592 \longrightarrow 500

How can you make the equation true

$$218 + 325 = 325 + \underline{\hspace{2cm}}$$

a.325

b.218

c.657

How can you make the equation true

$$465 + \underline{\hspace{2cm}} = 78 + 465$$

a.78

b.465

c.876

Grade 3 – Review Term 1

How can you make the equation true

$$529 + 407 = \underline{\hspace{2cm}} + 529$$

a.432

b.529

c.407

How can you make the equation true

$$\underline{\hspace{2cm}} + 93 = 93 + 505$$

a.505

b.432

c.982

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.

Items Sold	
Monday	58
Tuesday	67
Wednesday	42

a.58+67+42

b.58+24+67

c.58-42-67

How can you make the equation true

$$289 + 621 = 621 + \underline{\hspace{2cm}}$$

a.621

b.289

c.467

Grade 3 – Review Term 1

How can you make the equation true

$$78 + \underline{\hspace{2cm}} + 212$$

$$= 418 + 212 + 78$$

a.212

b.78

c.418

What is the sum

$$247 + 564$$

a.181

b.811

c.288

What is the sum

$$815+148$$

a.368

b.456

c.963

What is the sum

$$729+148=$$

a.787

b.877

c.452

Grade 3 – Review Term 1

What is the sum
327+176

a.530

b.344

c. 503

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

$$\begin{aligned} \underline{\quad\quad} + \underline{\quad\quad} &= 598 \\ 200 + 300 &= 500 \\ 10 + 80 &= 90 \\ 6 + 2 &= 8 \\ 500 + 90 + 8 &= 598 \end{aligned}$$

a.216+328

b.216+382

c. 612+382

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?

a.434

b.344

c. 344

Grade 3 – Review Term 1

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



a.953

b.359

c. 257

How can you solve $249 + 401 + 276$

a.926

b.256

c. 923

Find the sum $475+325$

a.800

b.600

c. 764

Find the sum $238+271$

a.599

b.509

c. 367

Subtract $333-114$

a.217

b.219

c. 218

Subtract $502-382$

a.130

b.140

c. 120

Grade 3 – Review Term 1

Subtract 744-466		
a.278	b.280	c.322

Subtract 272-99		
a.163	b.173	c.177

Subtract 495-122		
a.277	b.373	c.733

Subtract 639-370		
a.269	b.327	c.692

How can you decompose 367		
a.300+60+7	b.300+60+7	c.300+60+7

How can you decompose 876		
a.788+76	b.800+70+6	c.800+76

Grade 3 – Review Term 1

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.

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

a.372

b.145

c. 154

A baker bakes 268 bread rolls. 155 are cinnamon rolls. The rest are plain rolls. How many plain rolls does she bake?

a.143

b.123

c. 113

How can you adjust the sentence
 $129 + 258$

a.130+259

b.130+257

c. 128+258

Grade 3 – Review Term 1

How can you adjust 236-119

a. 240-123

b. 140-120

c. 239-119

Choose the correct multiplication sentence



a. 2×4

b. 3×4

c. 3×4

Choose the correct multiplication sentence



a. 2×3

b. 3×3

c. 6×6

Choose the correct multiplication sentence



a. 4×4

b. 2×4

c. 2×8

Choose the correct multiplication sentence
4 equal groups of 4

a. $4 \times 4 = 16$

b. $4 \times 2 = 8$

c. $4 \times 4 = 8$

Choose the correct multiplication sentence
3 equal groups of 2

a. $3 \times 3 = 9$

b. $3 \times 2 = 6$

c. $3 \times 2 = 9$

Choose the correct multiplication sentence
2 equal groups of 7

a. $7 \times 7 = 14$

b. $2 \times 7 = 14$

c. $7 \times 2 = 15$

Choose the correct multiplication sentence
4 equal groups of 5

a. $4 \times 5 = 12$

b. $4 \times 5 = 15$

c. $4 \times 5 = 20$

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



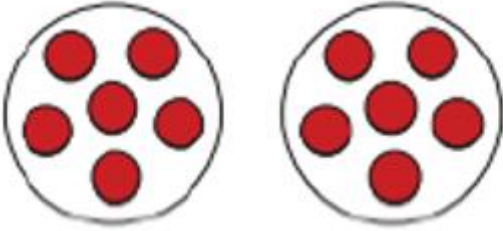
a. $8 - 3$

b. 3×8

c. $3 + 8$

Grade 3 – Review Term 1

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



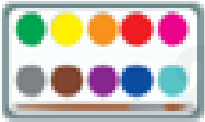
Choose the correct multiplication sentence

a. $2 \times 6 = 12$

b. $6 \times 2 = 13$

c. $6 \times 6 = 12$

Choose the correct sentence



a. $5 \times 5 = 10$

b. $2 \times 5 = 10$

c. $3 \times 5 = 10$

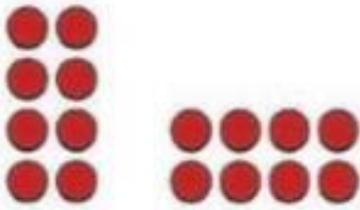
Choose the correct sentence



a. $4 \times 4 = 12$

b. $3 \times 4 = 12$

c. $3 \times 4 = 16$



What two multiplication equations represent these arrays

a. 2×4

b. 4×2

c. 2×4

d. 4×4

e. 4×2

f. 2×5

Choose the correct multiplication sentence



a. 2×4

b. 2×3

c. 4×2

Choose the correct multiplication sentence



a. $3 \times 8 = 21$

b. $3 \times 8 = 32$

c. $3 \times 8 = 24$

Grade 3 – Review Term 1

Choose the correct multiplication sentence



a. $3 \times 5 = 15$

b. $3 \times 4 = 15$

c. $4 \times 4 = 15$

Which array is represented by the equation 4×4





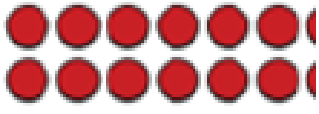
b.



c.



Which array is represented by the equation 3×5

	<p>b.</p> 	<p>c.</p> 
---	---	---

What makes the equation true

$$2 \times 3 = \text{----} \times 2$$

a.3	b.5	c.2
-----	-----	-----

What makes the equation true

$$5 \times 6 = 6 \times \text{---}$$

a.3	b.5	c.2
-----	-----	-----

What makes the equation true

$$9 \times 0 = \text{----} \times 0$$

a. 9

b. 10

c. 0

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?



a. $4 \times 5 = 20$
 $20 \times 4 = 5$

b. $4 \times 5 = 20$
 $5 \times 4 = 20$

a. $4 \times 5 = 20$
b. $5 \times 20 = 4$

Grade 3 – Review Term 1

What makes the equation true

$$9 \times 6 = \text{-----} \times 9$$

a.15

b.9

c.6

What makes the equation true

$$1 \times 4 = 4 \times \text{-----}$$

a.5

b.1

c.4

$$2 \times 6 = 6 \times 2$$

a.no

b.yes

c. can't determine

$$7 \times 2 = 14, \text{ so } 14 \times 2 = 7.$$

true or false

a. True

false

c. can't
determine

Grade 3 – Review Term 1

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.

a. Oliver has more

**Sara has
more**

c. equal

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

**a. $30 \times 10 = 3$
b. $3 \times 10 = 30$**

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

**c. $30 \times 10 = 3$
d. $3 \times 30 = 10$**

Choose the correct multiplication
that represent this array sentence



**a. 3×8
 8×3**

**b. 3×9
 9×3**

**a. 3×10
b. 10×3**

Choose the correct division sentence

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

a. $25 \div 5 = 5$

b. $25 \div 5 = 6$

c. $25 \div 4 = 5$

Choose the correct division sentence

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



a. $24 \div 3 = 6$

b. $24 \div 6 = 4$

c. $24 \div 6 = 5$

Choose the correct division sentence

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

a. $32 \div 8 = 6$

b. $32 \div 8 = 5$

c. $32 \div 8 = 4$

Choose the correct division sentence

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

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

a. $20 \div 5 = 4$

b. $20 \div 5 = 5$

c. $20 = 5 \div 5$

Choose the correct answer 2×9

a. 16

b. 16

c. 18

Choose the correct answer 6×2

a. 10

b. 12

c. 14

Choose the correct answer 2×10

a. 20

b. 12

c. 22

Grade 3 – Review Term 1

Choose the correct answer 7x2

a.14
b.

c. 12

d. 16

Choose the correct answer ----- x 2 = 6

a.3

b.4

c. 6

Choose the correct answer ----- x 2 = 8

a.2

b.4

c. 6

Choose the correct answer $2x? = 4$

a.2+2

b.4+2

c. 4+4

Grade 3 – Review Term 1

Choose the correct answer $2x? = 10$

a. $2+2$

b. $4+4$

c. $5+5$

Choose the correct answer $2x? = 14$

a. $6+6$

b. $7+7$

c. $8+8$

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?

a. $2x4=9$

b. $2x4=8$

c. $2x6=10$

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 8 pounds of potatoes?

a. $2x8=14$

b. $2x8=16$

c. $2x8=10$

Grade 3 – Review Term 1

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 many lines of code does Grace's program have?



a. 8

B. 12

c. 14

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

a. 16

b. 9

c. 14

Choose the equations that are true.

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

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

c. $2 \times 4 = 4 + 4$

Grade 3 – Review Term 1

Choose the correct answer $5 \times 9 =$

a.50

b.45

c. 35

Choose the correct answer $5 \times 7 =$

a.35

b.45

c. 40

Choose the correct answer $6 \times 5 =$

a.25

b.30

c. 40

Choose the correct answer $25 = 5 \times \text{-----}$

a.5

b.3

c. 4

Choose the correct answer $10 \times 5 =$

a.55

b.40

c. 50

Grade 3 – Review Term 1

Choose the correct answer $3 \times 5 =$

a.20

b.15

c. 25

Choose the correct answer $8 \times 5 =$

a.35

b.40

c. 45

Choose the correct answer $\text{-----} \times 5 = 10$

a.3

b.4

c. 2

Choose the correct answer $\text{-----} \times 5 = 10$

a.3

b.4

c. 2

Choose the correct answer $3 \times 5 = 5 \times \text{-----}$

a.3

b.4

c. 2

Grade 3 – Review Term 1

Choose the correct answer

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?

a. $3 \times 5 = 20$

b. $4 \times 5 = 20$

c. $2 \times 5 = 20$

Choose the correct answer

Mary 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?

a. 25

b. 20

c. 30

Choose the correct answer

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



a. 35

b. 20

c. 45

Grade 3 – Review Term 1

Which equations are true? Choose all that apply.

a. $5 \times 3 = 3 + 3 + 3$

b. $3 \times 5 = 5 + 5 + 5$

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

Choose the correct answer $7 \times 1 =$

a.1

b.7

c. 10

Choose the correct answer $----- \times 1 = 8$

a.8

b.1

c. 0

Choose the correct answer $----- \times 1 = 1$

a.7

b.1

c. 0

Grade 3 – Review Term 1

Choose the correct answer $0 \times 6 =$

a. 6

b. 0

c. 1

Choose the correct answer $4 \times \text{----} = 0$

a. 1

b. 4

c. 0

Kelly and Yusif want to share a box of crackers. They open the box and share all of the crackers in the box. They each get 0 crackers. How many crackers were in the box?

a. 1

b. 2

c. 0

Eli checks out some books from the library. He reads 1 book per day. How many days will it take Eli to read all his books?

a. $1 \times 4 = 1$

b. $1 \times 4 = 4$

c. $1 \times 4 = 5$

Grade 3 – Review Term 1

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?

a. 2

b. 0

c. 1

Mr. Mustafa buys 1 jersey 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?

a. 10

b. 9

c. 1

There are 3 bins. Each bin has 1 book. How can you write an equation to show the number of books there are?

a. 3

b. 2

c. 1

Choose the correct answer $1x - \text{----} = 0$

a. 1

b. 2

c. 0

Which equations are true

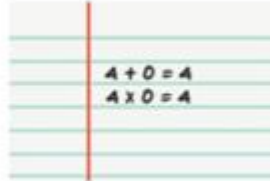
a. $8 \times 1 = 2 \times 4$

b. $0 \times 3 = 9 \times 0$

c. $6 \times 0 = 6$

Grade 3 – Review Term 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.



$4 + 0 = 4$
 $4 \times 0 = 4$

a. yes

b. No

c. can't determine

How you can decompose 4×7

a. $4 \times 2 + 4 \times 5$

b. $4 \times 7 + 4 \times 7$

c. $4 \times 2 \times 4 \times 5$

How you can decompose 9×6

a. $4 + 6 + 5 + 5$

b. $4 \times 6 + 5 \times 6$

c. $4 \times 3 + 5 \times 3$

How you can decompose 8×6

a. $4 + 3 + 5 + 3$

b. $4 \times 6 + 4 \times 6$

c. $4 \times 3 + 5 \times 3$

How you can decompose 9×7

a. $4 \times 7 + 5 \times 7$

b. $4 \times 3 + 5 \times 3$

c. $4 \times 3 \times 5 \times 3$

How you can decompose 9×8

a. $4 \times 8 + 5 \times 8$

b. $4 \times 4 + 5 \times 4$

c. $4 \times 4 \times 5 \times 4$

How you can decompose 8×4

a. $4 \times 4 + 4 \times 4$

b. $4 \times 8 + 4 \times 8$

c. $4 \times 4 \times 4 \times 4$

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



a. $4 \times 7 + 4 \times 7$

b. $4 \times 3 + 4 \times 4$

c. $4 \times 2 + 4 \times 5$

Grade 3 – Review Term 1

Find the missing number $\text{-----} \times 7 = 3 \times 7 + 3 \times 7$

a. 7

b. 6

c. 5

Find the missing number $6 \times 2 + 6 \times 2 = 6 \times \text{-----}$

a. 4

b. 6

c. 5

Find the missing number $1 \times 9 + 5 \times 9 = 9 \times \text{-----}$

a. 4

b. 6

c. 5

Find the missing number $7 \times \text{-----} = 5 \times 8 + 2 \times 8$

a. 8

b. 6

c. 7

Grade 3 – Review Term 1

Choose the correct answer $4 \times 10 = \text{-----} \times 4$

a.4

b.10

c. 0

Choose the correct answer $4 \times \text{---} = 28$

a.6

b.7

c. 8

Choose the correct answer $4 \times \text{---} = 4$

a.4

b.0

c. 1

Choose the correct answer $5 \times \text{---} = 20$

a.3

b.4

c. 5

Choose the correct answer $4 \times \text{---} = 16$

a.3

b.4

c. 5

Grade 3 – Review Term 1

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

a.36

b.32

c. 20

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

a.36

b.32

c. 20

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

a.36

b.32

c. 24

Which is equal to 9×4 ?

a. $9 \times 2 + 9 \times 2$

b. $9 \times 4 + 9 \times 1$

c. $9 \times 2 + 4 \times 2$

Grade 3 – Review Term 1

Choose the correct answer $6 \times 4 = \text{-----} \times 6$

a. 6

b. 4

c. 10

Choose the correct answer $4 \times 10 = 10 \times \text{-----}$

a. 6

b. 4

c. 10

Which is equal to 9×4

a. $9 \times 2 + 9 \times 2$

b. $9 \times 4 + 9 \times 1$

c. $5 \times 2 + 4 \times 2$

STEM Connection Saffron completed 851 orders of pastries her first year. After her second year, she completed 926 orders. How many more pastry orders did she complete in her second year than in her first year?



a. 75

b. 65

c. 85

Grade 3 – Review Term 1

Gabe is trying to solve $246 + 367$. Which equation shows how he could adjust the addends to find the sum?

a. $250 + 360 = ?$

b. $250 + 370 = ?$

c. $250 + 363 = ?$

Enrique read 249 pages of his book 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?

$227 + 249 = 476$
 $638 - 227 = 411$

$249 + 277 = 476$
 $638 - 476 = 162$

c. $638 - 249 = 389$
 $389 + 227 = 616$

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?

a. 268

b. 369

c. 437

Grade 3 – Review Term 1

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

a. 32

b. 26

c.43

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

a. 788

b. 877

c.987

2025


2024

موقع المناهج
الاماراتية

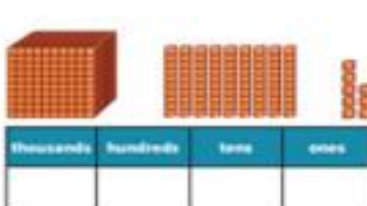
Grade 3 – Review Term 1

Part 2

What number is represented by the base-ten blocks?

1. 

Thousands	Hundreds	Tens	Ones

2. 

Thousands	Hundreds	Tens	Ones

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

3. 2,446

Thousands	Hundreds	Tens	Ones

4. 4,729

Thousands	Hundreds	Tens	Ones

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

5. three thousand, one hundred twelve

6. six thousand, eighty-seven

7. seven thousand, two hundred twenty-four

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

8. 

_____ 1

How can you represent the number in standard form?

9. $8,000 + 500 + 2$

10. $9,000 + 50 + 2$

Grade 3 – Review Term 1

1. **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.



2. **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.

3 8 8 2

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

1. $423 + 168 = ?$

2. $? = 695 - 205$

3. $? = 317 + 248$

4. $473 + 218 = ?$

5. $798 - 307 = ?$

6. $? = 835 - 466$

5. $798 - 307 = ?$

6. $? = 835 - 466$

Grade 3 – Review Term 1

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

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?

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

10. **STEM Connection** Saffron's bakery needs to decorate 355 cupcakes for an event. It has decorated 223 so far. How can she determine about how many more cupcakes they need to decorate?



11. Melinda estimates she traveled 830 miles last Monday and Tuesday. She traveled 412 miles on Tuesday. About how many miles could she have traveled on Monday?

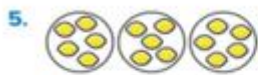
12. **Extend Your Thinking** Jason has 744 flyers to deliver. If he has delivered 62 flyers at each of his last 2 stops, about how many flyers does he have left to deliver?

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How can you draw a representation and answer the question?

- 6 dogs
2 dogs at each water bowl
How many water bowls?
- 8 balloons
2 balloons for each child
How many children?
- 10 plates
5 plates on each table
How many tables?
- 12 beads
4 beads for each bracelet
How many bracelets?

Which division equation describes the representation?



- $15 \div 3 = 5$
- $15 = 3 \div 3$
- $15 \div 5 = 5$
- $12 \div 5 = 5$



- $12 \div 4 = 4$
- $12 = 3 \div 4$
- $12 \div 5 = 4$
- $12 \div 3 = 4$

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

- 8 students divided into 4 groups

- 10 players divided into 2 teams

How can you draw an array to represent the situation?


- 4 groups of $2 = 8$
8 divided by $4 = 2$
- $2 \times 8 = 16$
 $16 \div 2 = 8$


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

- 4 groups of $3 = 12$
12 divided by $4 = 3$
- $3 \times 5 = 15$
 $15 \div 3 = 5$

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How can you write a division equation for the representation?

5. 
 $2 \times 5 = 10$

6. 
 $3 \times 6 = 18$

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

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

8. 

9. 

11. How can 9 pairs of shoes represent a multiplication and a division equation?

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?

How can you use what you know about multiplication to answer the question?

1. Multiples of _____ and _____ are always even.
2. Multiples of _____ always have a 0 in the ones place.
3. The product of any number and _____ is itself.
4. The product of any number and _____ is always 0.

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How can you complete the equation?

5. $5 \times 3 = \underline{\quad}$

6. $2 \times 7 = \underline{\quad}$

7. $\underline{\quad} \times 8 = 0$

8. $\underline{\quad} = 10 \times 4$

9. $\underline{\quad} = 5 \times 6$

10. $9 \times \underline{\quad} = 9$

11. Felix has fewer than 10 nickels in his piggy bank. How many cents might he have? Explain how you know.

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

How can you write a multiplication and division equation for the problem? Write a ? for the unknown.

1. Eight friends share 40 apple slices. If each friend receives the same amount of apple slices, how many does each person receive?

2. Bobbie, Wendy, and Winston spent a total of \$21 to go to the movies. If it cost each person the same amount, how much did each person spend?

3. Jermaine ran 56 minutes over seven days. If he ran the same amount of time each day, how many minutes did he run each day?

4. June earns \$25 for working five hours. If she earns the same amount each hour, how much does she get paid per hour?

How can you draw a representation for the set of equations?

5. $6 \times ? = 18$
 $18 \div 6 = ?$

6. $8 \times ? = 24$
 $24 \div 8 = ?$

7. $9 \times ? = 36$
 $36 \div 9 = ?$

8. $3 \times ? = 21$
 $21 \div 3 = ?$

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9. Sam bought tickets to the county fair. How much did each ticket cost if each costs the same amount?



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.

1. The array represents 3×4 . How can you use it to find the product of 3×8 ? Draw to show your work.



$3 \times 8 = \underline{\quad}$

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?

3. How can you find the products of 1×8 and 8×1 without decomposing?

How can

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

4. $2 \times 3 = \underline{\quad}$ $4 \times 3 = \underline{\quad}$ $8 \times 3 = \underline{\quad}$

5. $2 \times 4 = \underline{\quad}$ $4 \times 4 = \underline{\quad}$ $8 \times 4 = \underline{\quad}$

6. $2 \times 5 = \underline{\quad}$ $4 \times 5 = \underline{\quad}$ $8 \times 5 = \underline{\quad}$

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7. Complete each step to find the product of 8×9 using a 5s fact and a 3s fact.

$$5 \times 9 = \underline{\quad}$$

$$\underline{\quad} \times 9 = 27$$

$$27 + \underline{\quad} = \underline{\quad}$$

$$8 \times 9 = \underline{\quad}$$

8. **Error Analysis** Tobias says that he can find the product of 4×8 by decomposing either of the factors into equal parts. Do you agree or disagree? Explain.

How can you complete the equation?

9. $\underline{\quad} = 3 \times 8$

11. $6 \times 8 = \underline{\quad}$

13. $8 \times 4 = \underline{\quad}$

10. $7 \times 8 = \underline{\quad}$

12. $\underline{\quad} = 10 \times 8$

14. $8 \times 8 = \underline{\quad}$