Disclaimer: This packet is intended ONLY for the use of students enrolled in Leon County Schools.

This document provides a breakdown of work for your child to complete per week. Please check off the pages as they are completed.

4th Grade

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1 Fill in the blank with words from the list to correctly complete the sentence.

10,000 less than 24,576 is _____ 1,000 less than 14,576.

greater than	less than	equal to

2 What is the value of 2 in 724,638?

Ⓐ 200 Ⓒ 20,000

Ⓑ 2,000 Ⓓ 200,000

3 Place an X in the table to show the value of 5 in each number.

	5	50	5,000	50,000
18,005				
36,458				
52,789				
375,123				

4 Carson made a four-digit number with a 4 in the thousands place, a 4 in the ones place, a 5 in the tens place, and a 6 in the hundreds place. What was the number?

Ⓐ 4,456 Ⓒ 4,564

Ⓑ 4,465 Ⓓ 4,654

5 Place an X in the table to show if each statement is true or false.

	True	False
The value of 9 in 874,092 is 900.		
The value of 2 in 724,638 is 20,000.		
The value of 8 in 380,194 is 800,000.		
The value of 7 in 671,235 is 70,000.		

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Name _____

6 Kevin got 738,256 hits on his new website. What is the value of the digit 7 in 738,256?

Ⓐ 7,000 Ⓒ 700,000
Ⓑ 70,000 Ⓓ 7,000,000

7 What is the value of 8 in 380,194?

Ⓐ 80 Ⓒ 8,000
Ⓑ 800 Ⓓ 80,000

8 Saskia scored 157,834 points on the third level of her computer game. What is the value of the digit 5 in 157,834?

_____

9 Fill in the blank with a phrase from the list to correctly complete the sentence.

10,000 less than 35,391 is _____ 1,000 less than 26,391.

greater than	less than
equal to	

10 A large puzzle contains 172,435 pieces. What is the value of the digit 2 in 172,435?

Ⓐ 200 Ⓒ 20,000
Ⓑ 2,000 Ⓓ 200,000

11 How many times the value of the 5 in 51,327 is the value of the 5 in 502,428?

Ⓐ 1 Ⓒ 50
Ⓑ 10 Ⓓ 100

12 How many times the value of the 7 in 72 is the value of the 7 in 7,429?

Ⓐ 1 Ⓒ 70
Ⓑ 10 Ⓓ 100

13 Fill in the blank with a number from the list to correctly complete the sentence.

The value of the 2 in 201 is _____ times the value of the 2 in 27.

1	10	100	200

14 Fill in the blank with a number from the list to correctly complete the sentence.

The value of the 8 in 8,491 is _____ times the value of the 8 in 843.

10	800	1,000	8,000

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Name _____

Standards-Based Practice
MAFS.4.NBT.1.2

1 The heights of three mountain peaks in Colorado are listed.

Blanca Peak: 14,345 feet

Crestone Peak: 14,294 feet

Humboldt Peak: 14,064 feet

Place an X in the table to show if each mountain peak height in feet is between 14,000 and 14,300 or between 14,301 and 14,500.

	Between 14,000 Feet and 14,300 Feet	Between 14,301 Feet and 14,500 Feet
Blanca Peak		
Crestone Peak		
Humboldt Peak		

2 A state governor compares the populations of five cities in her state.

City	Population
Easton	286,152
Springfield	301,673
Fairview	322,694
Greenville	249,866
Madison	320,145

Fill in the blanks with the correct symbols (< , >) to compare the populations.

Easton population _____ Greenville population

Springfield population _____ Madison population

3 Select **all** of the answers that show 403,871.

Ⓐ four hundred three thousand, eight hundred one

Ⓑ four hundred three thousand, seventy-one

Ⓒ four hundred three thousand, eight hundred seventy-one

Ⓓ 400,000 + 38,000 + 800 + 70 + 1

Ⓔ 400,000 + 3,000 + 800 + 70 + 1

Ⓕ 4 hundred thousands + 3 thousands + 8 hundreds + 7 tens + 1 one

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Name _____

4 Select **all** of the numbers that will make a correct comparison.

807,058 > ☐

Ⓐ 870,508
Ⓑ 870,058
Ⓒ 807,508
Ⓓ 807,085
Ⓔ 805,058
Ⓕ 800,758

5 Maya used number tiles to make the number 428,745. Then she changed two digits to make the number 427,845.

Which statement about these numbers is correct?

Ⓐ 428,745 < 427,845
Ⓑ 427,845 = 428,745
Ⓒ 427,845 > 428,745
Ⓓ 427,845 < 428,745

6 The heights of mountain peaks in Canada are listed.

Name	Height (in feet)
Centennial Peak	12,533
Mount Columbia	12,293
Mount King George	12,274
Mount Root	12,799

Which is the tallest peak?

Ⓐ Centennial Peak
Ⓑ Mount Columbia
Ⓒ Mount King George
Ⓓ Mount Root

7 Place an X in the table to show the value of the 5 in each number.

	5	50	5,000	50,000
36,458				
375,123				
18,005				
52,789				

8 A college basketball team had three games in April. Game one had an attendance of 14,753 people. Game two had an attendance of 20,320 people. Game three had an attendance of 14,505 people.

Write the game numbers in the boxes in order from LEAST attendance to GREATEST attendance.

LEAST ☐ ☐ ☐ GREATEST

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Name

Standards-Based Practice
MAFS.4.NBT.1.3

1 There were 12,351 visitors to a history center in the past year. What is the number of visitors when rounded to the nearest hundred?

Ⓐ 12,300
Ⓑ 12,350
Ⓒ 12,360
Ⓓ 12,400

---

2 Stephanie is rounding numbers to the nearest ten. What is the rounded value for each of the numbers?

Write the correct rounded number from the list in the table next to each of the original numbers.

You will not use all the numbers.

Original Number	Rounded Number
636	
645	
982	
987	

600	640	650	900	980	990

3 Diego counted the total weekend ticket sales for the school musical. There were 1,918 tickets sold. Diego rounded the number to the nearest thousand for a school article he wrote about the musical.

What number did he include in the article?

Ⓐ 1,000
Ⓑ 1,900
Ⓒ 1,920
Ⓓ 2,000

---

4 Frankie rounded 18,762 to the nearest thousand. What number did he round to?

_____

5 What is 25,264 rounded to the nearest hundred?

Ⓐ 25,000
Ⓑ 25,260
Ⓒ 25,300
Ⓓ 30,000

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Standards-Based Practice
MAFS.4.NBT.1.3

Name _____

6 The total season attendance for a professional football team's home games, rounded to the nearest ten thousand, was 710,000.

Place an X in the table to show whether or not each number could be the exact attendance.

	Yes	No
700,987		
701,752		
706,791		
714,498		

7 What is 5,418 rounded to the nearest ten?

Ⓐ 5,400
Ⓑ 5,410
Ⓒ 5,420
Ⓓ 5,500

8 The total season attendance for a college team's home games was 270,000 when rounded to the nearest ten thousand.

Which number might be the exact attendance?

Ⓐ 206,636
Ⓑ 260,987
Ⓒ 265,888
Ⓓ 276,499

9 Georgia rounds four numbers to the nearest hundred. What is the rounded value for each number?

Write the correct rounded number from the list in the table next to each of the original numbers.

Numbers may be used more than once or not at all.

Original Number	Rounded Number
2,098	
2,136	
2,175	
2,245	

2,000	2,100	2,200	2,300

10 Tyrone rounded a number to the nearest hundred, resulting in 2,600. What number might he have rounded to the nearest hundred?

Select **all** the correct answers.

Ⓐ 2,498
Ⓑ 2,513
Ⓒ 2,576
Ⓓ 2,639
Ⓔ 2,681

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Name _____

Standards-Based Practice
MAFS.4.NBT.2.4

1 What is the sum of 65,182 and 58,458?

Ⓐ 113,640
Ⓑ 123,540
Ⓒ 123,630
Ⓓ 123,640

2 What is the sum?

101,452 + 72,863 + 5,391

_____

3 What is the difference between 73,815 and 48,968?

Ⓐ 24,847
Ⓑ 24,947
Ⓒ 25,847
Ⓓ 34,847

4 What is the difference?

547,262 − 256,089

_____

5 What is the sum of 35,698 and 48,735?

Ⓐ 84,433
Ⓑ 84,423
Ⓒ 84,333
Ⓓ 74,433

6 What is the difference?

82,458 − 56,759

Ⓐ 35,699
Ⓑ 25,789
Ⓒ 25,699
Ⓓ 25,409

7 What is the answer for each of the problems?

Fill in the blanks with the correct answers from the list to complete the sentences.

The sum of 444,276 and 32,987 is _____.

The difference of 496,784 and 7,893 is _____.

477,363	477,263	478,263
487,891	488,891	

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Standards-Based Practice
MAFS.4.NBT.2.4

Name _____

8 A subtraction problem is shown with one number missing.

$$\begin{array}{r} 256{,}102 \\ -\,1\square 7{,}768 \\ \hline 128{,}334 \end{array}$$

Which number completes the problem?

Ⓐ 1
Ⓑ 2
Ⓒ 3
Ⓓ 4

---

9 What is the sum of the addition problem shown?

$$\begin{array}{r} 279{,}987 \\ 45{,}201 \\ +\ 7{,}470 \\ \hline \end{array}$$

---

10 An addition problem is shown with one number missing.

$$\begin{array}{r} 726{,}392 \\ +\ 1\square{,}872 \\ \hline 744{,}264 \end{array}$$

Which of these is the missing number?

Ⓐ 2
Ⓑ 4
Ⓒ 7
Ⓓ 8

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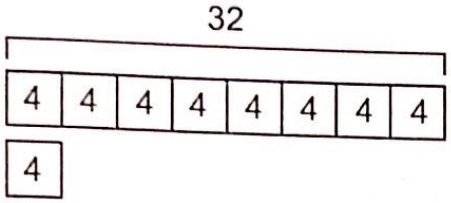
Name

Standards-Based Practice
MAFS.4.OA.1.1

1 Which comparison does the model show?



Ⓐ 8 more than 4 is 32.
Ⓑ 9 more than 4 is 32.
Ⓒ 8 times as many as 4 is 32.
Ⓓ 9 times as many as 4 is 32.

2 Nadia buys balloons for a party. She buys 3 times as many purple balloons as yellow balloons. Nadia buys 18 purple balloons.

Which equation tells how many yellow balloons Nadia buys?

Ⓐ $3 \times 6 = 18$
Ⓑ $3 + 15 = 18$
Ⓒ $3 + 18 = 21$
Ⓓ $3 \times 18 = 54$

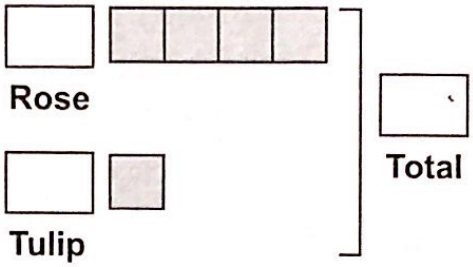
3 At the pet fair, Darlene's dog weighed 5 times as many pounds as Leah's dog. Together, the dogs weighed 60 pounds.

How many pounds does Leah's dog weigh?

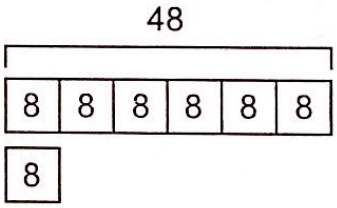
Ⓐ 5
Ⓑ 10
Ⓒ 50
Ⓓ 55

4 Heidi's mom made 40 flower arrangements for a party. She made 4 times as many rose arrangements as tulip arrangements. How many flower arrangements of each type did Heidi's mom make?

Write the correct numbers in the boxes.



5 Which equation is represented by the model?



Ⓐ $6 \times 8 = 48$
Ⓑ $7 \times 8 = 48$
Ⓒ $8 \times 8 = 48$
Ⓓ $8 + 6 = 48$

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Standards-Based Practice
MAFS.4.OA.1.1

Name _____

6 Which number correctly completes the comparison?

6 times as many as _____ is 54.

Ⓐ 8
Ⓑ 9
Ⓒ 48
Ⓓ 60

7 An animal shelter has dogs and cats. There are 5 times as many dogs as cats. There are 42 animals in total.

How many dogs are at the shelter?

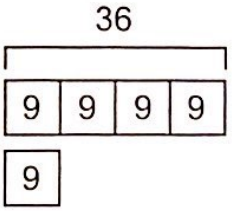
_____

8 Which comparisons about $42 = 6 \times 7$ are correct?

Select **all** the correct answers.

Ⓐ 42 is 6 more than 7.
Ⓑ 42 is 7 more than 6.
Ⓒ 6 is 7 times as many as 42.
Ⓓ 7 is 6 times as many as 42.
Ⓔ 42 is 6 times as many as 7.
Ⓕ 42 is 7 times as many as 6.

9 What comparison is represented by the numbers shown in the model?



4 times as many as _____ is _____.

10 Which statements are equivalent to the equation $3 \times 15 = 45$?

Place an X in the table to show if the equation is equivalent to each statement.

	Yes	No
45 is 3 more than 15.		
15 is 5 times as many as 3.		
3 times as many as 15 is 45.		
45 is 15 times as many as 3.		

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Name

Standards-Based Practice
MAFS.4.OA.1.2

1 Five students in a class each collected 75 cans for a can drive fundraiser. How many cans did the students bring in for the can drive?

Ⓐ 15 Ⓒ 80
Ⓑ 70 Ⓓ 375

2 Brandon played in 3 basketball games last week. He scored 21 points per game. How many total points did he score last week?

Ⓐ 63 points Ⓒ 18 points
Ⓑ 24 points Ⓓ 7 points

3 Li is planning to add baseball cards to his collection. There are 15 cards in each pack of baseball cards. He wants to know how many total cards he will have if he purchases different numbers of packs.

Fill in the blanks with the correct answers from the list.

3 packs = _____ cards
5 packs = _____ cards
7 packs = _____ cards
9 packs = _____ cards

105	75	45	135	90

4 Ava took 18 digital photos on a field trip to the museum. Emily took 3 times as many. How many digital photos did Emily take on the trip?

Ⓐ 6 photos Ⓑ 15 photos Ⓒ 54 photos Ⓓ 64 photos

5 As a goalie for his hockey team, Esteban averages 13 saves a game. He is calculating his total saves for different numbers of games he has played during the season.

Place an X in the table to show if he calculated his total saves correctly or not.

	Calculated Correctly	Calculated Incorrectly
The total number of saves for 2 games is 26 saves.		
The total number of saves for 4 games is 42 saves.		
The total number of saves for 7 games is 81 saves.		
The total number of saves for 10 games is 130 saves.		

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Standards-Based Practice
MAFS.4.OA.1.2

Name _____

6 Mark's family has lived in the same town for 3 years. There are 12 months in a year.

For how many months have they lived in the town?

Ⓐ 24
Ⓑ 32
Ⓒ 36
Ⓓ 60

7 Emily is trying to divide 72 packages of crayons into equal groups for an art project. What would be the total number of packages in each group if she places them into the different groups shown?

Draw a line to match each group with the correct number of packages.

3 groups	8 packages
6 groups	9 packages
8 groups	12 packages
9 groups	16 packages
	24 packages

8 Kate danced for 90 minutes at a dance class. This was 3 times as long as the number of minutes James danced.

For how long did James dance?

Ⓐ 30 minutes
Ⓑ 87 minutes
Ⓒ 93 minutes
Ⓓ 270 minutes

9 Ahmie reads 22 pages of her book each day. At the end of 8 days, how many pages has she read?

Ahmie has read _____ pages.

10 Diego's family is taking a trip to visit his cousins. They will be away for 3 days. There are 24 hours in one day.

For how many hours will they be away?

Ⓐ 24 hours
Ⓑ 36 hours
Ⓒ 48 hours
Ⓓ 72 hours

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Name

1 The art teacher needs 30 markers for her morning classes and 40 markers for her afternoon classes. The markers come in packages of 15.

What is the smallest number of packages of markers the art teacher will need to buy?

Ⓐ 5 Ⓒ 3
Ⓑ 4 Ⓓ 2

2 Carrie manages a catering company. She rented 225 chairs each week for the first two weeks of May. Carrie rented 150 chairs each week for the first two weeks of April.

How many chairs did Carrie rent in those four weeks?

Ⓐ 375 Ⓒ 600
Ⓑ 525 Ⓓ 750

3 Lana bought party favors at the store for the school's sixth grade graduation party. Lana bought 7 bags of party hats with 12 hats in each bag. Lana also bought 4 bags of horns with 24 horns in each bag.

How many more horns than party hats did Lana buy?

_____

4 The school principal orders 2 new whiteboards for each grade. There are 3 grades in the school. Each new whiteboard costs $95.

What is the total cost for the new whiteboards?

Ⓐ $196
Ⓑ $475
Ⓒ $570
Ⓓ $855

5 Shari plans to buy either 3 Cinderella roses or 2 America roses. Cinderella roses cost $12 each when you buy 3 or more. America roses cost $19 each. Shari wants to buy the roses that cost the least.

Which roses should Shari buy to spend the least amount?

Ⓐ Shari should buy the America roses. She will save $4.
Ⓑ Shari should buy the America roses. She will save $7.
Ⓒ Shari should buy the Cinderella roses. She will save $2.
Ⓓ Shari should buy the Cinderella roses. She will save $12.

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Standards-Based Practice
MAFS.4.OA.1.3

Name _____

6 Bill and Alyssa helped pack books for the community center. Bill packed 8 boxes with 30 books in each box. Alyssa packed 9 boxes with 25 books in each box.

How many more books did Bill pack?

_____

7 Nolan has 40 toy cars and 48 toy trucks. He puts his toy cars and trucks into boxes. Each box holds 9 toys.

How many boxes does Nolan need to store all of his toy cars and trucks?

Ⓐ 5
Ⓑ 6
Ⓒ 9
Ⓓ 10

8 In a school auditorium, there are 3 rows that need 2 new seats each. Each new seat costs $74.

What is the cost for the new seats?

_____

9 Kris and Julio played a card game. Together, they scored 36 points in one game. Kris scored two times as many points as Julio.

How many points did Kris score?

_____

10 A kennel is moving 160 dogs to a new building. Each dog has its own crate. The moving truck holds 9 dogs in their crates. The manager plans 17 trips with the truck and wants to know if that will be enough trips to move all the dogs.

Which statement is correct?

Ⓐ This is not enough trips, and there will be 2 crates left over.

Ⓑ This is not enough trips, and there will be 7 crates left over.

Ⓒ This is enough trips, and there is no room left over on the last trip.

Ⓓ This is enough trips, and there will be enough room for 1 more crate on the last trip.

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Name _____

Standards-Based Practice
MAFS.4.NBT.2.5

1 What is the product of 3,650 × 6?

Ⓐ 612
Ⓑ 3,646
Ⓒ 3,656
Ⓓ 21,900

2 What is the value of this product?

325 × $7

Ⓐ $2,125
Ⓑ $2,145
Ⓒ $2,175
Ⓓ $2,275

3 What is the product of 20 × 12?

Ⓐ 120
Ⓑ 200
Ⓒ 240
Ⓓ 360

4 What is the value of each product?

Fill in the blanks with the correct numbers from the list.

14 × 30 = _____

20 × 14 = _____

30 × 60 = _____

50 × 50 = _____

240	280	420
1,800	2,100	2,500

5 Which equations were multiplied correctly and which were multiplied incorrectly?

Place an X in the table to show whether the equations are correct or incorrect.

	Correct	Incorrect
4 × 938 = 3,652		
6 × 723 = 4,228		
7 × 3,249 = 22,743		
9 × 2,641 = 23,769		

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Standards-Based Practice
MAFS.4.NBT.2.5

Name _____

6 What is the product of 15 × 24?

Ⓐ 180
Ⓑ 300
Ⓒ 360
Ⓓ 380

---

7 What is the product of 28 × 12?

Ⓐ 280
Ⓑ 308
Ⓒ 336
Ⓓ 364

---

8 What is the solution to the equation 1,251 × 5 = □?

_____

9 What is the product of 22 × 43?

Ⓐ 726
Ⓑ 946
Ⓒ 990
Ⓓ 1,166

---

10 What is the product of 4 × 1,832?

_____

11 What is the product of 2,486 × 3?

Ⓐ 6,448
Ⓑ 6,458
Ⓒ 7,448
Ⓓ 7,458

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1 Which expression could go in the box to make $4 \times 16 = \square$ a true equation?

Ⓐ 2×8

Ⓑ 8×8

Ⓒ 2×14

Ⓓ 6×18

2 Which statement about the equation $86 + 35 = 96 + 45$ is correct?

Ⓐ The equation is true because 96 is 10 greater than 86, and 45 is 10 less than 35.

Ⓑ The equation is false because 96 is 10 greater than 86, and 45 is 10 greater than 35.

Ⓒ The equation is true because 96 is 10 greater than 86, and 45 is 10 greater than 35.

Ⓓ The equation is false because 96 is 10 greater than 86, and 45 is 10 less than 35.

3 Compare the numbers on each side of the equations without computing. Which equations are true?

Select **all** the equations that are true.

Ⓐ $12 \times 8 = 24 \times 6$

Ⓑ $45 \times 2 = 15 \times 6$

Ⓒ $95 + 23 = 105 + 33$

Ⓓ $850 - 27 = 900 - 77$

Ⓔ $723 - 15 = 720 - 12$

4 Determine whether the equation below is true without computing the value of each side.

$265 - 25 = 270 - 30$

Circle the answers to correctly complete the sentence.

The equation is true / false because 270 is 5 less than / greater than 265, and 30 is 5 less than / greater than 25.

5 Determine whether each equation is true or false without calculating the expressions on each side.

Place an X in the table to show if each equation is true or false.

	True	False
$148 + 35 = 158 + 25$		
$119 + 16 = 103 + 32$		
$225 + 84 = 240 + 99$		
$310 + 56 = 315 + 51$		

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Standards-Based Practice
MAFS.4.OA.1a

Name _____

6 Which statement about the equation $74 - 30 = 80 - 36$ is correct?

Ⓐ The equation is true because the increase from 74 to 80 is equal to the increase from 30 to 36.

Ⓑ The equation is true because the increase from 74 to 80 is equal to the decrease from 30 to 36.

Ⓒ The equation is false because the increase from 74 to 80 is equal to the increase from 30 to 36.

Ⓓ The equation is false because the increase from 74 to 80 is equal to the decrease from 30 to 36.

---

7 What conclusion can be made about the equation below?

$25 \times 6 = 5 \times 30$

Fill in the blanks to complete the sentence.

The equation $25 \times 6 = 5 \times 30$ is true because 25 is ____ times greater than ____, and 30 is the same number of times greater than ____.

8 Without computing the values of the expressions, which of these could go in the box to make $8 \times 12 = \square$ a true equation?

Select **all** the expressions that would make a true equation.

Ⓐ 4×24

Ⓑ 2×18

Ⓒ 16×6

Ⓓ 4×16

Ⓔ 10×10

---

9 How can it be determined whether $128 + 504 = 120 + 512$ is a true equation without computing the value of each side?

Circle the answers to correctly complete the sentence.

The equation is true / false because 128 is 8 less than / greater than 120, and 504 is 8 less than / greater than 512.

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1 What value of n makes the equation true?

$40 + 85 = n + 100$

Ⓐ 15
Ⓑ 25
Ⓒ 55
Ⓓ 70

2 Compare the numbers in the equation below.

$204 - 110 = 200 - p$

What value of p makes the equation true?

3 Look at the factors of the numbers in the equation.

$15 \times 3 = \square \times 9$

Which number should go in the box to make the equation true?

Ⓐ 5
Ⓑ 9
Ⓒ 36
Ⓓ 45

4 Jayme compares the numbers in the equation to find the unknown value.

$326 + 154 = \square + 134$

What is the unknown value?

5 Which value of p makes the equation true?

$235 - p = 220 - 210$

Ⓐ 205, because p should be 5 less than 210
Ⓑ 205, because p should be 15 less than 220
Ⓒ 225, because p should be 5 greater than 220
Ⓓ 225, because p should be 15 greater than 210

6 What number should go in the box to make a true equation?

$36 \div \square = 72 \div 4$

Ⓐ 2
Ⓑ 6
Ⓒ 8
Ⓓ 9

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Standards-Based Practice
MAFS.4.OA.1b

Name _____

7 Without computing the left side of the equation $16 \times 5 = 4 \times \square$, determine what number will make the equation true.

_____

8 Which statement is true about q in the equation $24 \div 4 = q \div 12$?

Ⓐ 12 is 2 times greater than q.

Ⓑ 24 is 3 times greater than q.

Ⓒ q is 2 times greater than 12.

Ⓓ q is 3 times greater than 24.

9 What value of k will make the equation true?

$k - 224 = 328 - 216$

Ⓐ 320

Ⓑ 322

Ⓒ 334

Ⓓ 336

10 Determine the number that should go in the box to make a true equation.

$418 + 358 = 400 + \square$

Fill in the blanks with the correct answers to correctly complete the sentence.

The missing number is _____ because 400 is _____, so the missing number is _____.

340	376	436	478

18 less than 418	60 less than 358
18 greater than 418	60 greater than 358

18 less than 358	60 less than 418
18 greater than 358	60 greater than 418

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Name _____

1 What is the quotient of 749 ÷ 7?

Ⓐ 17 Ⓒ 117

Ⓑ 107 Ⓓ 170

2 Which of the division problems has a quotient equal to 600?

Place an X in the table to show the correct response to each equation.

	Equal to 600	Not Equal to 600
1,200 ÷ 2 =		
2,400 ÷ 6 =		
420 ÷ 7 =		
3,000 ÷ 5 =		

3 Which quotient has a value of 120?

Ⓐ 500 ÷ 5

Ⓑ 600 ÷ 5

Ⓒ 700 ÷ 5

Ⓓ 800 ÷ 5

4 What is the value of this quotient?

228 ÷ 4

Ⓐ 57 Ⓒ 517

Ⓑ 507 Ⓓ 570

5 What is the value of this quotient?

925 ÷ 5

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Standards-Based Practice
MAFS.4.NBT.2.6

Name _____

6 Draw a line from each quotient to its value. You may use some values more than once or not at all.

360 ÷ 3	•	•
360 ÷ 4	•	•
480 ÷ 3	•	•
480 ÷ 4	•	•
		•

7 What is the answer to this division problem?

543 ÷ 7 = ☐

Ⓐ 77
Ⓑ 77 r4
Ⓒ 77 r6
Ⓓ 78

8 Which quotients are equal to 200?

Select **all** the correct answers.

Ⓐ 400 ÷ 2 = ☐
Ⓑ 600 ÷ 3 = ☐
Ⓒ 800 ÷ 8 = ☐
Ⓓ 1,000 ÷ 5 = ☐
Ⓔ 1,600 ÷ 4 = ☐

9 What is the remainder for each of these quotients?
Fill in the blanks with the correct numbers from the list.

1,204 ÷ 6 = 200 r_____

363 ÷ 9 = 40 r_____

428 ÷ 7 = 61 r_____

905 ÷ 3 = 301 r_____

0	1	2	3	4

10 What is the value of this quotient?

118 ÷ 6

Ⓐ 19
Ⓑ 19 r2
Ⓒ 19 r4
Ⓓ 20

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1 Kayla has 36 yellow stickers, 27 red stickers, and 18 blue stickers. She wants to distribute the stickers into bags so that each bag contains only one color of stickers and every bag has the same number of stickers.

How many stickers can Kayla put in each bag?

Ⓐ 3 or 9
Ⓑ 1, 2, or 9
Ⓒ 1, 3, or 9
Ⓓ 1, 3, 9, or 18

---

2 Select **all** the correct factor pairs of 54.

Ⓐ 1 and 54
Ⓑ 3 and 18
Ⓒ 4 and 50
Ⓓ 6 and 9
Ⓔ 27 and 27

---

3 Maya has 28 apples, 12 oranges, and 8 mangos. She wants to put an equal number of each fruit into baskets so that all of the baskets will be the same.

How many of each kind of fruit can Maya put in each basket?

Ⓐ 4
Ⓑ 1 or 4
Ⓒ 1, 2, or 4
Ⓓ 1, 3, 4, 6, or 8

4 Place an X in the table to show if the number is a factor of 72.

	Yes	No
3		
7		
16		

---

5 Which statement is true about a factor of 45?

Ⓐ 4 is a factor of 45 because $4 \times 12 = 45$.
Ⓑ 9 is a factor of 45 because $9 \times 5 = 45$.
Ⓒ 10 is a factor of 45 because $10 \times 4 = 45$.
Ⓓ 44 is a factor of 45 because $44 \times 1 = 45$.

---

6 Brady has a card collection with 64 basketball cards, 32 football cards, and 24 baseball cards. He wants to arrange the cards in equal piles, with only one type of card in each pile. How many cards can he put in each pile?

Select the **four** correct answers.

Ⓐ 1
Ⓑ 2
Ⓒ 3
Ⓓ 4
Ⓔ 8
Ⓕ 32

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Standards-Based Practice
MAFS.4.OA.2.4a

Name _____

7 One factor in a factor pair of 75 is 15. What is the other factor?

_____

8 Marissa was decorating her room. She arranged 63 same-size picture tiles on a wall in the shape of a rectangle. Which are possible arrangements of the picture tiles?

Select the **three** correct answers.

Ⓐ 63 rows of 1 tile
Ⓑ 7 rows of 9 tiles
Ⓒ 22 rows of 6 tiles
Ⓓ 32 rows of 2 tiles
Ⓔ 21 rows of 3 tiles

9 Order the factors of 18 and 27 from LEAST to GREATEST.

Fill in the blanks with the correct answers from the list.

Factors of 18:

1, ☐, ☐, ☐, ☐, 18

Factors of 27:

1, ☐, ☐, 27

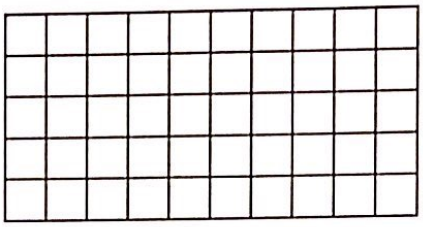
2	3	4	6	9	12	18	27

10 Select the numbers that have a factor of 6.

Select the **four** correct answers.

Ⓐ 3
Ⓑ 6
Ⓒ 12
Ⓓ 31
Ⓔ 42
Ⓕ 48

11 The given area model represents the number 50.



Which of these is the factor pair of 50 shown in the model?

Ⓐ 1 and 50
Ⓑ 2 and 25
Ⓒ 5 and 10
Ⓓ 25 and 25

12 Write each number from the list in the correct place in the table. Some numbers may be used more than once or not at all.

Has 3 as a Factor	Has 5 as a Factor

30	35	42	48	50	51

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1 The students in Kendra's class are working in teams to complete a science project. They form teams of 4 students, and every student is on a team.

How many students could there be in Kendra's class?

Ⓐ 22
Ⓑ 26
Ⓒ 30
Ⓓ 32

2 Beverly was skip counting while jumping rope. She started to count by 9s. She said 9, 18, 27, 36, 45, and 54.

What number will she say next?

_____

3 Molly and Brian are playing a game. Molly is counting by 8s. Brian is counting by 6s.

What is the first number they both say?

Ⓐ 12
Ⓑ 16
Ⓒ 24
Ⓓ 32

4 Place an X in the table to show whether each statement is true or false.

	True	False
The number 45 is a multiple of 9.		
The number 6 is a multiple of 12.		
The number 56 is a multiple of 8.		
The number 4 is a multiple of 8.		

5 A store in Roger's neighborhood sells boxes of pencils that have 6 pencils in each box. Roger bought several boxes of pencils at the store.

Which of these could be the number of pencils he bought?

Select **all** the correct answers.

Ⓐ 9
Ⓑ 18
Ⓒ 20
Ⓓ 24
Ⓔ 34
Ⓕ 42

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Standards-Based Practice
MAFS.4.OA.2.4b

Name _____

6 Ellie is performing in a dance recital. Her teacher sets up 7 rows of chairs for the audience. Each row has the same number of chairs. Which number could be the total number of chairs for the audience?

Ⓐ 20
Ⓑ 25
Ⓒ 32
Ⓓ 35

7 Josh works in a balloon store. He puts 45 balloons into bunches for a customer. He must use the same number of balloons in each bunch. How many balloons could be in each bunch?

Select **all** the correct answers.

Ⓐ 3
Ⓑ 5
Ⓒ 6
Ⓓ 8
Ⓔ 9

8 Each car on a roller coaster has 8 seats. The cars are connected to make a train.

Place an X in the table to show whether each number of seats can be in one roller coaster train.

	Yes	No
32 seats		
42 seats		
48 seats		
54 seats		

9 Marta is making kites. She uses 1 piece of paper and 1 piece of ribbon to make each kite. The paper comes in packs of 3 pieces, and the ribbon comes in packs of 4 pieces.

What is the least number of kites that Marta can make without any supplies left over?

Ⓐ 7
Ⓑ 12
Ⓒ 16
Ⓓ 24

10 Ginny is buying flowers. She will buy either tulips or daisies. The store sells tulips in bunches of 6 and daisies in bunches of 4. Which flower can she buy for each of the different totals?

Write the flower names (daisies, tulips) in the table to show which type of flower Ginny can buy to make each total. The flower types may be used more than once.

12 flowers	18 flowers	20 flowers

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Name _____

Standards-Based Practice
MAFS.4.OA.2.4c

1 Which number is prime?

Ⓐ 9
Ⓑ 13
Ⓒ 21
Ⓓ 33

2 Based on the number of factors, what is true about the number 12?

Fill in the blanks with the correct answers from the list to complete the sentence.

The number 12 is _____ because it has _____ two factors.

odd	prime	composite
exactly	less than	more than

3 Jesse states that 53 is a prime number. Which statement correctly explains why 53 is a prime number?

Ⓐ It is less than 100.
Ⓑ It is an odd number.
Ⓒ It has more than two factors.
Ⓓ It is divisible by only 1 and 53.

4 Douglas is classifying a group of numbers as prime or composite. Which classification is true for each number?

Place an X in the table to show whether each number is prime or composite.

	Prime	Composite
15		
31		
42		
89		
93		

5 Lateesha made a list of factors for the number 24.

1, 2, 3, 4, 6, 8, 12, 24

What does this list of factors help Lateesha prove?

Ⓐ The number 24 is a factor of 12.
Ⓑ The number 24 is an odd number.
Ⓒ The number 24 is a prime number.
Ⓓ The number 24 is a composite number.

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Standards-Based Practice
MAFS.4.OA.2.4c

Name _____

6 Which numbers are composite?

Select **all** the correct answers.

Ⓐ 17
Ⓑ 28
Ⓒ 45
Ⓓ 57
Ⓔ 61

---

7 Akemi is making a list of the prime numbers between 10 and 20. She writes them in order from least to greatest.

What four numbers are on her list?

The numbers in order are

_____, _____, _____,

and _____.

---

8 Chen and Bob are learning about prime numbers. Bob writes a list of numbers and asks Chen to choose the prime number.

Which number should Chen choose?

Ⓐ 12
Ⓑ 25
Ⓒ 31
Ⓓ 36

9 Determine which numbers in the set below are prime and which are composite.

Write each number from the list in the correct box to show if the number is prime or composite.

Prime:

Composite:

5	29	35	63	83	99

---

10 Jeff's teacher writes a list of numbers on a whiteboard. She asks Jeff to circle the composite number.

Which number should Jeff circle?

Ⓐ 2
Ⓑ 6
Ⓒ 7
Ⓓ 11

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