



LAWRENCE WOODMERE ACADEMY
LOWER SCHOOL
SUMMER MATH PACKET

NAME: _____

THIRD GRADE to FOURTH GRADE

Name: _____

Date: _____

Cumulative Review

for Chapters 1 and 2

Concepts and Skills

Write in word form. (Lesson 1.1)

1. 9,999 _____
2. 1,047 _____
3. 6,005 _____

Write in standard form. (Lesson 1.1)

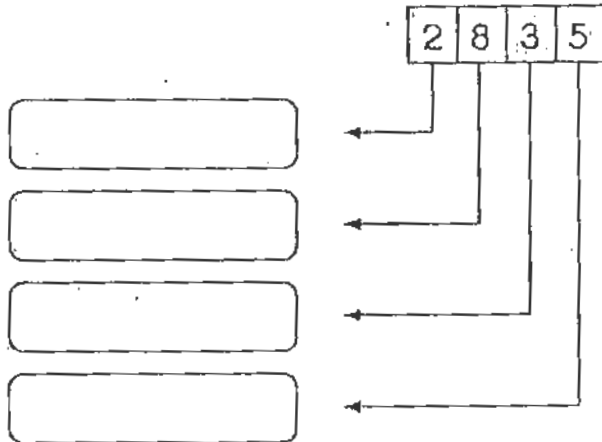
4. two thousand, twelve _____
5. nine thousand, one _____
6. six thousand, four hundred twenty-one _____

Complete each number pattern. (Lesson 1.1)

7. 5,216 ; 6,216 7,216 _____
8. _____ 3,209 3,309 3,409
9. 6,029 6,019 6,009 _____
10. _____ 4,021 6,021 8,021

Write the value of each digit. (Lesson 1.2)

11.



Fill in the missing numbers. (Lesson 1.2)

12. $4,532 = 4,000 + \underline{\hspace{2cm}} + 30 + 2$

13. $1,000 + \underline{\hspace{2cm}} + \underline{\hspace{2cm}} = 1,045$

Circle the greatest number.

Underline the number that is least. (Lesson 1.3)

14. 6,329 1,987 2,456 9,000

15. 7028 7,218 7,900 7,803

Write the missing numbers. (Lesson 1.3)

16. 5,000 less than 9,702 is $\underline{\hspace{2cm}}$.

17. 8 more than 6,580 is $\underline{\hspace{2cm}}$.

18. 300 more than 6,586 is $\underline{\hspace{2cm}}$.

Name: _____

Date: _____

Order the answers in Exercise 16-18 from least to greatest. (Lesson 1.3)

19. _____
least

Fill in the blanks. Use the digits below. (Lesson 1.3)

1 4 7 6

20. Form the greatest four-digit number. _____

21. Form the least four-digit number. _____

22. Form a number greater than 3,984 but less than 4,170. _____

23. Form a number greater than 6,780 but less than 7,148. _____

Find the sum or difference mentally. (Lessons 2.1, 2.2 and 2.3)

24. $37 + 52 =$ _____

25. $25 + 49 =$ _____

26. $35 + 47 =$ _____

27. $62 - 21 =$ _____

28. $52 - 46 =$ _____

29. $65 - 48 =$ _____

30. $33 + 98 =$ _____

31. $95 + 97 =$ _____

Round each number to the nearest hundred. (Lesson 2.4)

32. 852 _____

33. 7,592 _____

34. 3,015 _____

35. 1,994 _____

Find the sum or difference. Then use rounding to check that each answer is reasonable. (Lesson 2.4)

36. $452 + 198 =$ _____

452 rounded to the nearest hundred is _____.

198 rounded to the nearest hundred is _____.

_____ + _____ = _____

_____ is close to _____ so the answer is reasonable.

37. $909 - 493 =$ _____

909 rounded to the nearest hundred is _____.

493 rounded to the nearest hundred is _____.

_____ - _____ = _____

_____ is close to _____ so the answer is reasonable.

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Write the leading digit. (Lesson 2.5)

39. 2,561 _____

40. 897 _____

41. 5,286 _____

42. 9,643 _____

Cumulative Review

for Chapters 3 to 5

Concepts and Skills

Add. (Lessons 3.1, 3.2, and 3.3)

$$\begin{array}{r} 1. \quad 6,305 \\ + 2,512 \\ \hline \end{array}$$

$$\begin{array}{r} 2. \quad 3,100 \\ + 2,800 \\ \hline \end{array}$$

Subtract. (Lessons 4.1, 4.2 and 4.3)

$$\begin{array}{r} 3. \quad 8,754 \\ - 531 \\ \hline \end{array}$$

$$\begin{array}{r} 4. \quad 8,615 \\ - 2,704 \\ \hline \end{array}$$

Fill in the missing numbers.

$$\begin{array}{r} 5. \quad \square, 265 \\ + 2,058 \\ \hline 6,323 \end{array}$$

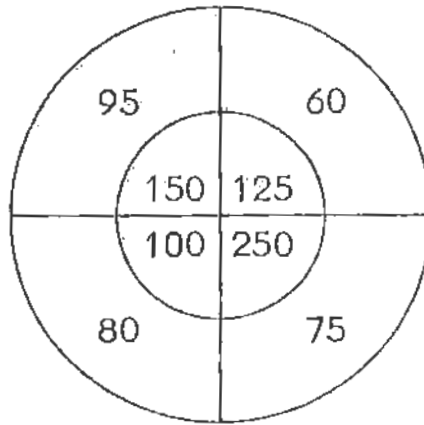
$$\begin{array}{r} 6. \quad 4,672 \\ + 3,\square79 \\ \hline 8,251 \end{array}$$

$$\begin{array}{r} 7. \quad 2,\square61 \\ - 684 \\ \hline 1,877 \end{array}$$

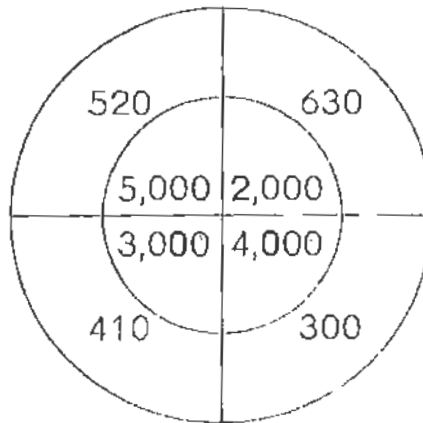
$$\begin{array}{r} 8. \quad 5,010 \\ - \square685 \\ \hline 1,325 \end{array}$$

Complete. (Lesson 4.4)

9. Gabriel and Sue are at an amusement park.
- a. Gabriel throws two darts at a target board.
The difference between the two numbers is 75.
Circle the two numbers:



- b. Sue throws two darts at another target board.
The difference between the two numbers is 2,700.
Circle the two numbers.



- 12.** 2,500 people visit the Children's Museum on Monday.
On Tuesday, there were 532 more people at the museum than on Monday.
What is the total number of visitors for both days?

- 13.** Michael has 754 songs in his audio device.
He has 98 more songs than Peter.
How many songs do they have in all?

Name: _____

Date: _____

Cumulative Review

for Chapters 6 and 7

Concepts and Skills

Fill in the blanks. (Lessons 6.1 to 6.5)

1. _____ $\times 8 = 0$
2. _____ $\times 1 = 7$
3. 9 sixes = $9 \times$ _____
4. $4 \times 7 =$ _____ sevens
5. $3 \times 6 = 6 + 6 +$ _____
6. $7 \times 6 = 6 \times$ _____
7. $9 \times$ _____ = 0
8. $8 + 8 + 8 + 8 + 8 = 5 \times$ _____
9. 5 nines + 3 nines = _____ $\times 9$
10. $9 + 9 + 9 + 9 =$ _____ nines

Name: _____

Date: _____

27.
$$\begin{array}{r} 432 \\ \times \quad 2 \\ \hline \end{array}$$

28.
$$\begin{array}{r} 251 \\ \times \quad 3 \\ \hline \end{array}$$

Problem Solving

Solve. Show your work.

29. Cheryl completes 42 pages of math exercises.
There are 4 exercises on each page.
How many exercises does she complete?

30. Damien has 48 marbles.
He packs all the marbles equally into 8 bags.
How many marbles are there in each bag?



31. Mr. Roberts has 63 daisies and some pots.
He plants 9 daisies in each pot.
How many pots does he use?

32. A farmer packs 49 pounds of grain into 7-pound bags.
How many bags does the farmer need?

33. A grocer sells 153 bags of carrots.
Each bag has 5 carrots.
How many carrots does the grocer sell?

34. Jessie buys 4 cartons of markers.
Each carton contains 125 markers.
How many markers does she buy?



Cumulative Review

for Chapters 8 and 9

Concepts and Skills

Complete. Use the digits 1, 3, and 8. (Lesson 8.3)

1. Write two 3-digit even numbers.

even numbers

2. Write four 3-digit odd numbers.

odd numbers	
_____	_____
_____	_____

Fill in the blanks. Use mental math. (Lesson 8.1)

3. $6 \div 2 =$ _____

$60 \div 2 =$ _____

$600 \div 2 =$ _____

Name: _____

Date: _____

Problem Solving

Solve. Draw bar models to help you.

- 11.** Roland has 125 trading cards.
Ian has three times as many trading cards as Roland.
How many trading cards does Ian have?
- 12.** Mr. Hansen gives out 250 pencils to 5 classes.
Each class receives an equal number of pencils.
How many pencils does each class receive?

- 13.** Mike is three times as tall as Pamela.
Pamela is 2 feet tall.
a. How tall is Mike?

b. How many feet taller is Mike than Pamela?

- 14.** Mrs. Herra buys 3 boxes of oranges. She also buys 6 boxes of apples.
Each box contains 65 pieces of fruit.
a. How many boxes of fruit does Mrs. Herra buy?

b. How many pieces of fruit does Mrs. Herra buy?

Cumulative Review

for Chapters 13 to 15

Concepts and Skills

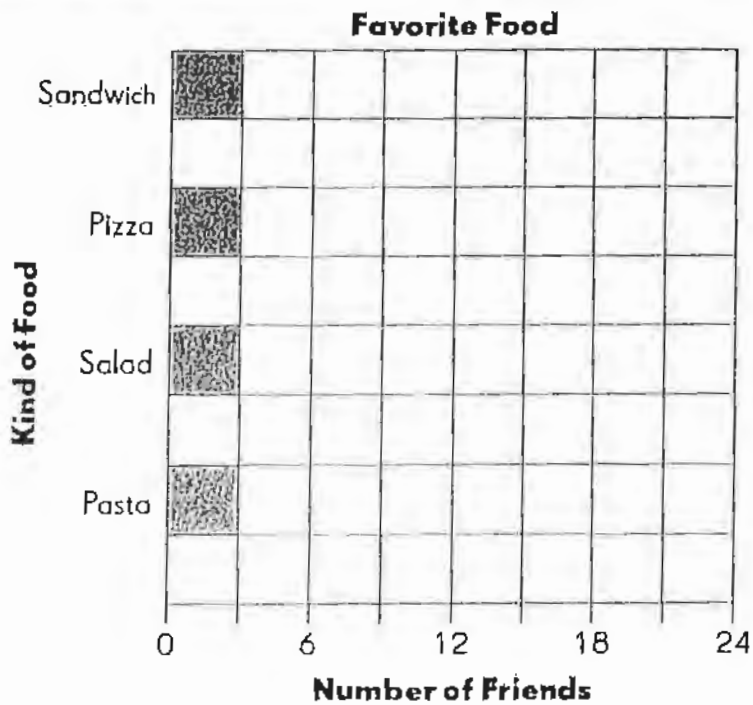
Jessica is surveying and graphing her friends' favorite foods.

Use the data in the tally chart to complete the bar graph.
Then answer the question. (Lesson 13.1)

Kind of Food	Sandwich	Pizza	Salad	Pasta
Tally	IIII IIII	IIII II IIII	IIII IIII IIII	IIII IIII IIII III

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1.



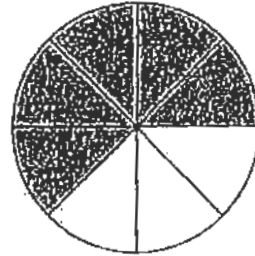
2. How many friends did Jessica survey? _____

Complete. (Lesson 14.1)

3. The fraction shaded is _____.

4. The numerator of the fraction is _____.

5. The denominator of the fraction is _____.



Write the missing numerator or denominator. (Lesson 14.2)

6. $\frac{3}{4} = \frac{\square}{12}$

7. $\frac{6}{8} = \frac{3}{\square}$

8. $\frac{\square}{5} = \frac{2}{\square} = \frac{\square}{20}$ (Lesson 14.3)

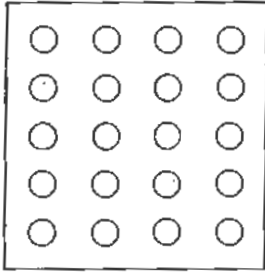
9. $\frac{\square}{16} = \frac{6}{\square} = \frac{\square}{4}$ (Lesson 14.3)

Name: _____

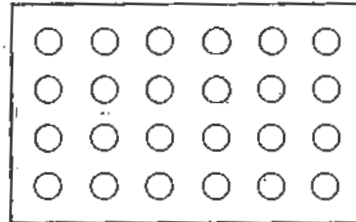
Date: _____

Color the pictures to find the fractional part of each set. (Lesson 14.6)

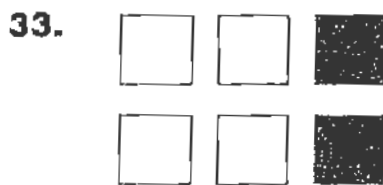
31. $\frac{1}{4}$ of 20

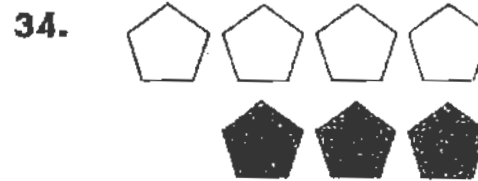


32. $\frac{5}{6}$ of 24



Write a fraction for the part of each set that is shaded. (Lesson 14.6)





Choose the best unit of measure for measuring each length.

Write *inch*, *foot*, *yard*, or *mile*. (Lesson 15.1)

35. width of a finger

36. length of a baseball bat

37. length of a playground

38. distance walked in 1 hour

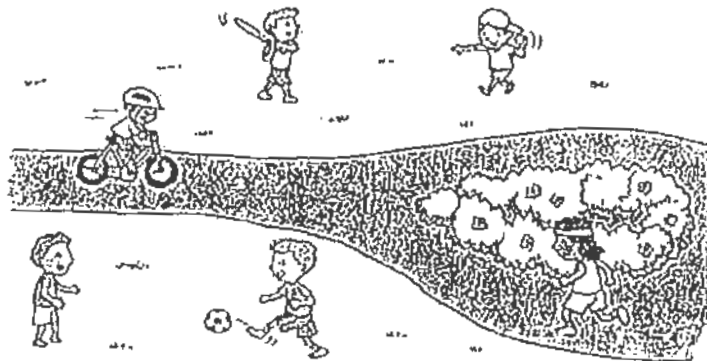
Problem Solving

Miguel conducted a survey to find the number of hours that some students spend playing their favorite sport each week.

He recorded the data in a table.

Time spent on Favorite Sport

Favorite Sport	Number of Hours
Gymnastics	4
Football	6
Swimming	8
Jogging	8
Tennis	6
Cross Country	7
Baseball	6
Softball	6
Biking	8
Lacrosse	6
Volleyball	7
Soccer	6



**Show the data in a line plot.
Give your line plot a title.**

52.

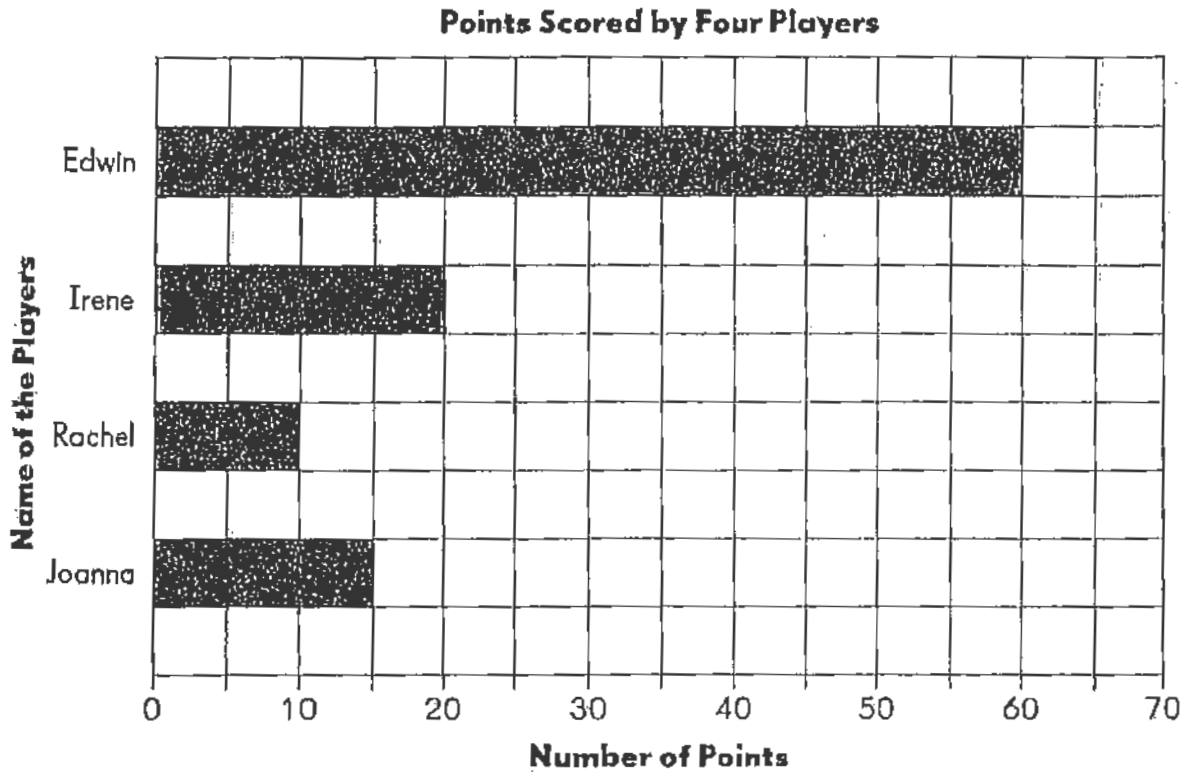


Number of _____

**Answer each question.
Use the data in your line plot.**

- 53.** How many students spend more than 5 hours on their favorite sport? _____
- 54.** How many hours did most students spend on their favorite sport?
_____ hours
- 55.** The number of students who spent 6 hours on their favorite sport is
_____ times the number of students who spent 7 hours.
- 56.** There are _____ fewer students who spent 5 hours on their favorite sport than those who spent 8 hours.
- 57.** If a total of 15 students were surveyed, how many students do **not** spend any time on sports? _____

The bar graph shows the number of points scored by four basketball players.



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Use the bar graph to answer the questions.

58. How many points did Edwin score? _____
59. Edwin scored 20 more points than Rachel.
How many points did Rachel score? _____
60. Use your answer from Exercise 59 to complete the bar graph for Rachel.
61. Edwin scored three times as many points as one of the players.
Who is this player? _____
62. Who scored the least number of points? _____

Name: _____

Class: _____

Date: _____

Multiplication Drill

$2 \times 3 =$ _____ $2 \times 6 =$ _____ $2 \times 2 =$ _____ $2 \times 12 =$ _____ $2 \times 11 =$ _____ $2 \times 5 =$ _____ $2 \times 4 =$ _____ $2 \times 7 =$ _____ $2 \times 9 =$ _____ $2 \times 8 =$ _____	$3 \times 3 =$ _____ $3 \times 7 =$ _____ $3 \times 5 =$ _____ $3 \times 2 =$ _____ $3 \times 4 =$ _____ $3 \times 6 =$ _____ $3 \times 12 =$ _____ $3 \times 11 =$ _____ $3 \times 8 =$ _____ $3 \times 10 =$ _____	$4 \times 2 =$ _____ $4 \times 9 =$ _____ $4 \times 7 =$ _____ $4 \times 10 =$ _____ $4 \times 3 =$ _____ $4 \times 4 =$ _____ $4 \times 6 =$ _____ $4 \times 5 =$ _____ $4 \times 11 =$ _____ $4 \times 8 =$ _____	$5 \times 3 =$ _____ $5 \times 5 =$ _____ $5 \times 2 =$ _____ $5 \times 12 =$ _____ $5 \times 9 =$ _____ $5 \times 11 =$ _____ $5 \times 4 =$ _____ $5 \times 6 =$ _____ $5 \times 8 =$ _____ $5 \times 10 =$ _____
/10	/10	/10	/10
$6 \times 9 =$ _____ $6 \times 2 =$ _____ $6 \times 10 =$ _____ $6 \times 3 =$ _____ $6 \times 1 =$ _____ $6 \times 4 =$ _____ $6 \times 12 =$ _____ $6 \times 5 =$ _____ $6 \times 6 =$ _____ $6 \times 8 =$ _____	$7 \times 9 =$ _____ $7 \times 2 =$ _____ $7 \times 10 =$ _____ $7 \times 3 =$ _____ $7 \times 1 =$ _____ $7 \times 4 =$ _____ $7 \times 12 =$ _____ $7 \times 5 =$ _____ $7 \times 6 =$ _____ $7 \times 8 =$ _____	$8 \times 9 =$ _____ $8 \times 2 =$ _____ $8 \times 10 =$ _____ $8 \times 3 =$ _____ $8 \times 1 =$ _____ $8 \times 4 =$ _____ $8 \times 12 =$ _____ $8 \times 5 =$ _____ $8 \times 6 =$ _____ $8 \times 8 =$ _____	$9 \times 9 =$ _____ $9 \times 2 =$ _____ $9 \times 10 =$ _____ $9 \times 3 =$ _____ $9 \times 1 =$ _____ $9 \times 4 =$ _____ $9 \times 12 =$ _____ $9 \times 5 =$ _____ $9 \times 6 =$ _____ $9 \times 8 =$ _____
/10	/10	/10	/10
$10 \times 7 =$ _____ $10 \times 3 =$ _____ $10 \times 6 =$ _____ $10 \times 4 =$ _____ $10 \times 12 =$ _____ $10 \times 8 =$ _____ $10 \times 5 =$ _____ $10 \times 1 =$ _____ $10 \times 9 =$ _____ $10 \times 10 =$ _____	$11 \times 4 =$ _____ $11 \times 9 =$ _____ $11 \times 5 =$ _____ $11 \times 10 =$ _____ $11 \times 6 =$ _____ $11 \times 11 =$ _____ $11 \times 7 =$ _____ $11 \times 1 =$ _____ $11 \times 8 =$ _____ $11 \times 2 =$ _____	$12 \times 9 =$ _____ $12 \times 2 =$ _____ $12 \times 10 =$ _____ $12 \times 3 =$ _____ $12 \times 1 =$ _____ $12 \times 4 =$ _____ $12 \times 12 =$ _____ $12 \times 5 =$ _____ $12 \times 6 =$ _____ $12 \times 8 =$ _____	Not met multiplication tables:
/10	/10	/10	