Unit 2 Review Packet

Name _____

Date _____

1. A man has to be at work by 9:00 a.m. and it takes him 15 minutes to get dressed, 20 minutes to eat and 10 minutes to walk to work. It takes him 15 minutes to get home from work. What time should he get up in order to get to work on time?

   a. List the numbers needed to solve the problem. _____

   b. List the numbers that are not needed to solve the problem. _____

   c. Describe what you want to find. _____

   d. What is the math problem you are solving? _____

   e. What is the solution? _____

2. Write a word problem of your own (it can be like the one above, but doesn't have to be). You can use addition, subtraction, multiplication, or division. Be sure to solve it also.

   _____

   _____

   _____

   _____

3. Round to the nearest hundred.

   a. 93 _____

   b. 3,750 _____

4. Round to the nearest one.

   a. 271.9 _____

   b. 941.3 _____

5. Round to the nearest tenth.

   a. 74.39 _____

   b. 978.52 _____

6. Round to the nearest hundredth.

   a. 19.374 _____

   b. 999.999 _____

7. For each problem, make a magnitude estimate. Circle the appropriate box. Then solve the problem. Show your work in the grid below.

a. $63 * 82 =$ _____

10s	100s	1,000s	10,000s

b. $6 * 223 =$ _____

10s	100s	1,000s	10,000s

c. $11.7 * 2.05 =$ _____

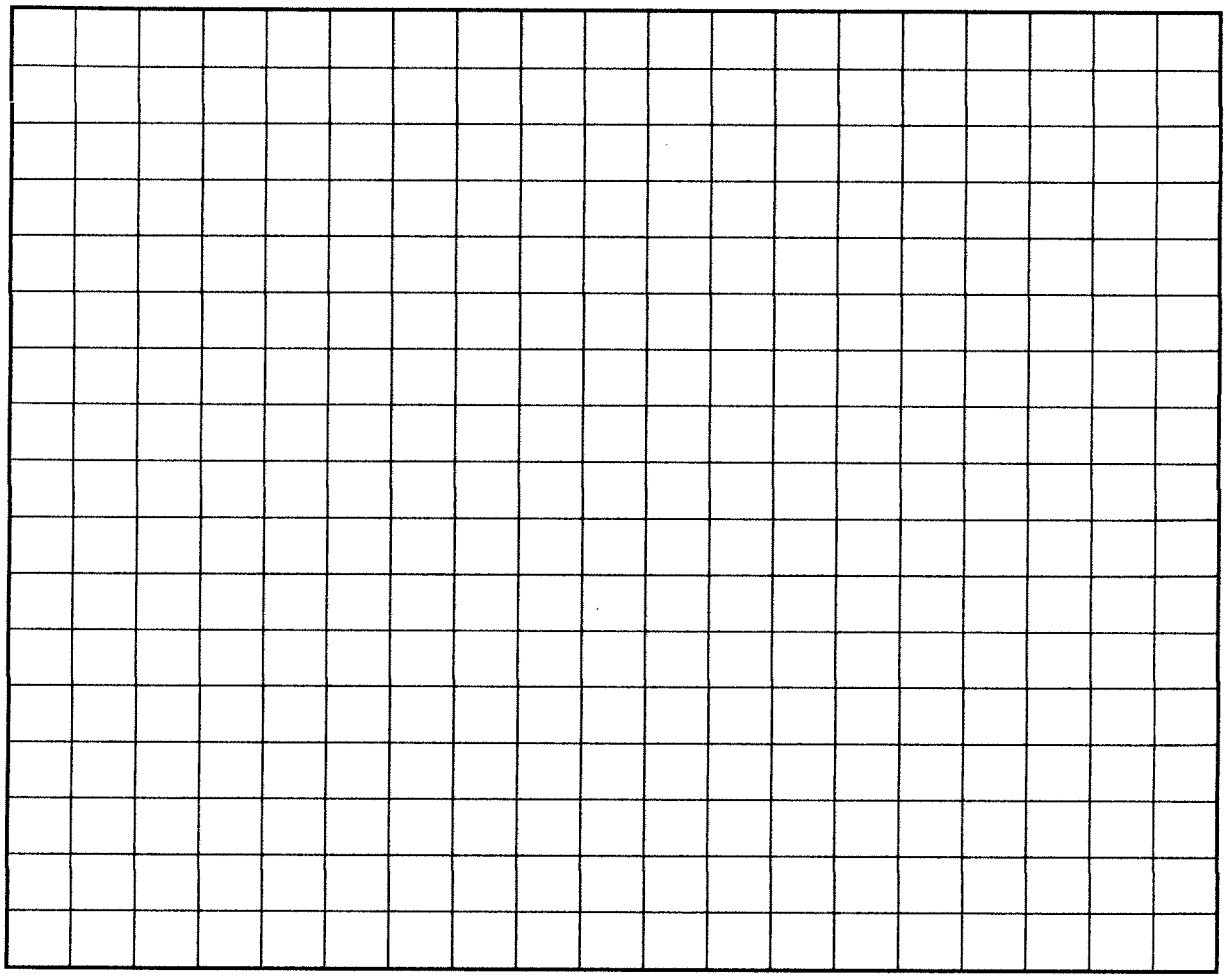
10s	100s	1,000s	10,000s

d. $24 * 14.9 =$ _____

10s	100s	1,000s	10,000s

8. Work out the following problems in the grid below. Then round your answer to the nearest whole number.

38	7.5	3.12	5.82	124
x 25	x 4.2	x 9.08	x 6.1	x 3.8



9. Write the number that has a
6 in the tenths place,
5 in the billions place,
1 in the ten thousands place,
4 in the thousandths place,
9 in the ten millions place,
7 in the hundredths place,
3 in the hundred thousands place,
and 0's in all of the remaining places.

____ , ____ ____ ____ , ____ ____ ____ , ____ ____ ____ . ____ ____ ____

10. Solve. Show your work in this space. Be sure to watch your signs!!!

48	97	5.3	8.5	914.3
+ 35	− 64	+ 4.9	− 3.6	+ 837.6

11. Congratulations! You have had the following test scores in math throughout the year:

95 92 65 72 50 92 87

Hint: You may want to re-write the numbers in order from least to greatest to the right. →

For this set of data, find …

a. the maximum _____

b. the minimum _____

c. the range _____

d. the mean _____

e. the median _____

f. the mode _____

What is the purpose of finding the mean, media, or mode? How can it help us?

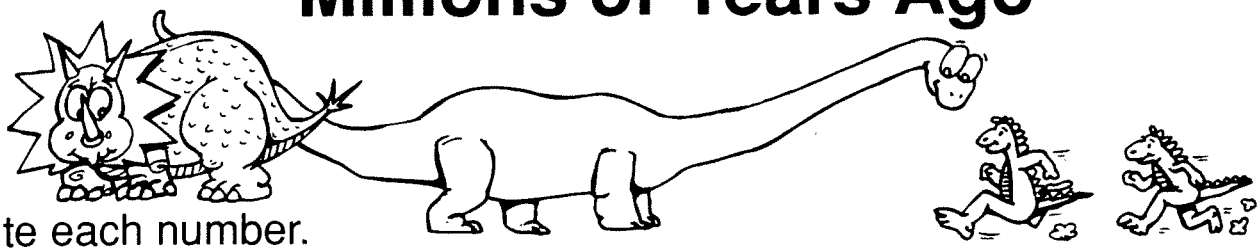
_____

_____

_____

_____

Millions of Years Ago



Write each number.

A. six million, three hundred two thousand, forty-two

6,302,042

B. six hundred million, forty-three thousand, two hundred one

C. two hundred five million, three hundred twenty-one thousand

D. six hundred million, forty-three thousand, three hundred twenty-one

E. twenty-five million, six hundred fifty-two

F. fifty-six million, one hundred ten thousand, one

G. four hundred twenty-five million, three hundred

Study the number **425,368,197**. Write the digit and the value for each place listed below.

H. thousands 8 8,000

I. millions

J. ten millions

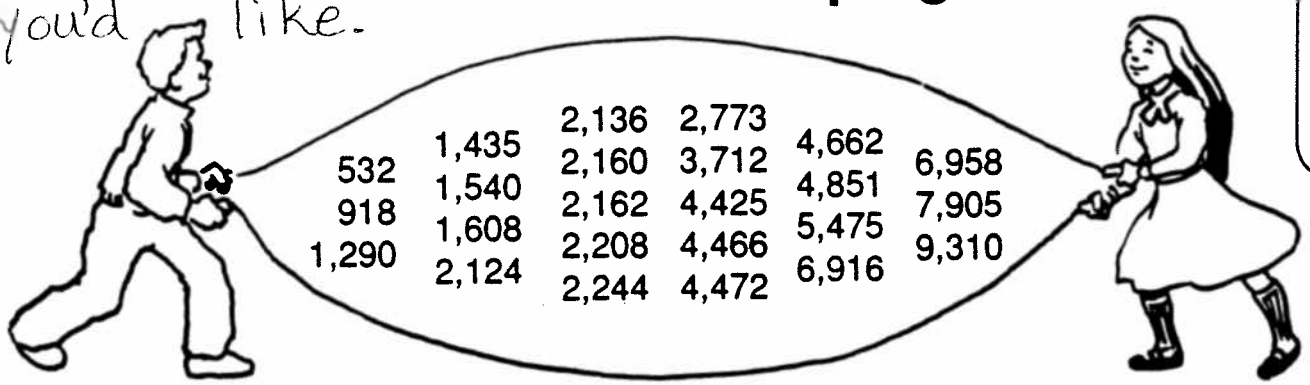
K. hundred thousands

Name _____ Skill: Multiplying 2-digit numbers by 2-digit numbers, Regrouping

Use any method you'd like.

Double Jumping

Score ____ / 24



532
918
1,290
1,435
1,540
1,608
2,124
2,136
2,160
2,162
2,208
2,244
2,773
3,712
4,425
4,466
4,472
4,662
4,851
5,475
6,916
6,958
7,905
9,310

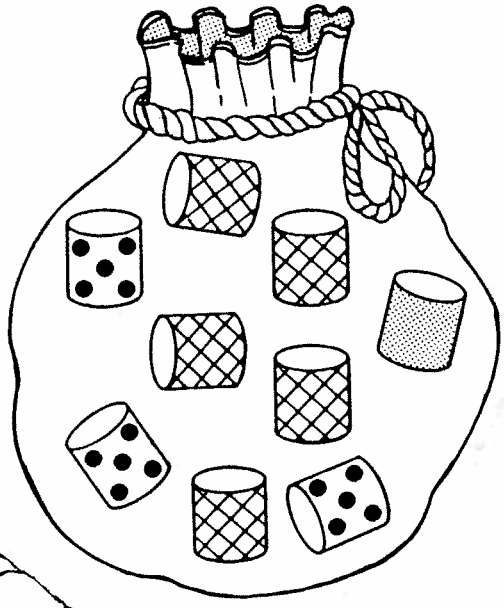
Solve each problem below. Then cross off its product between the ropes.

A.	49 x 99	35 x 41	55 x 28	24 x 89	46 x 47	64 x 58
B.	75 x 59	86 x 15	95 x 98	76 x 91	45 x 48	75 x 73
C.	59 x 36	67 x 24	48 x 46	77 x 58	98 x 71	93 x 85
D.	34 x 27	14 x 38	59 x 47	86 x 52	63 x 74	33 x 68

Brainwork! Write a multiplication word problem about double jumping.

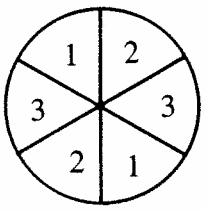
LESSON 13

Taking Chances

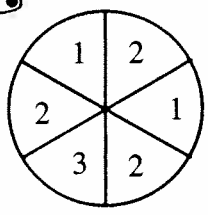


You have this bag of blocks.
With your eyes closed, you pick a block.
What is the probability that you will pick:

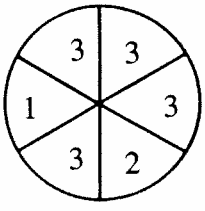
1.  ? _____
2.  ? _____
3.  ? _____
4.  or  ? _____
5.  or  ? _____



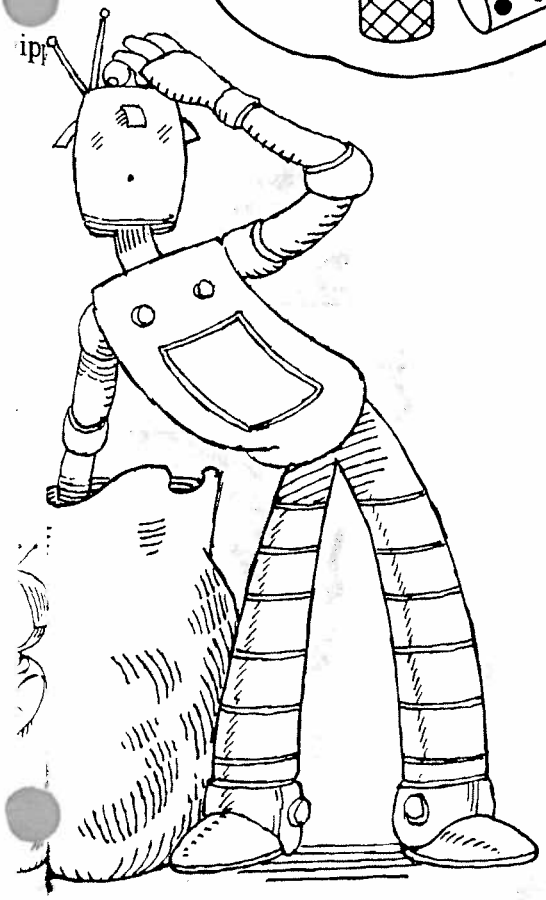
A



B



C



Identify the spinner.

6. The probability of spinning a 2 is $\frac{2}{6}$. _____
7. The probability of spinning a 32 is $\frac{1}{6}$. _____
8. There is an equal probabilty of spinning a 1 or a 2. _____

Which spinner would you choose?

9. You win if you spin a 3. _____
10. You win if you spin a 2. _____
11. You win if you spin a 2 or a 3. _____
12. You win if you spin a 1 or a 2. _____

Name Date Time

Place Value and Computation

Review 2

1. Write the number described below.

- Double 14. Subtract 10. Divide by 9. The answer is the digit in the **tenths** place.
- If you multiply the digit in the **hundreds** place by 60, the answer is 540.
- The digit in the **ones** place is the same as the number of sides of a pentagon.
- Multiply 9 times 4. Subtract the value of 6^2. The answer is the digit in the **tens** place.
- If you multiply the digit in the **hundredths** place by 1, the answer is 1.
- The digit in the **thousands** place is $\frac{2}{3}$ of the digit in the hundreds place.

What is the number? ___ ___ ___ ___ . ___ ___

2. Compute.

a. 347 + 496 = _____

b. 931 − 23 = _____

c. 34.7 + 18.4 = _____

d. 101.3 − 94.6 = _____

e. 23 * 67 = _____

f. 342 * 7 = _____

Name _____ Date _____ Time _____

LESSON 2•4

Using Open Number Sentences

Problem 1: At breakfast, the temperature outside was 47°F. By lunchtime, the temperature was 63°F. How many degrees warmer was it by lunchtime?

Open number sentence: _____

Solution: _____ Answer: _____ (unit)

Name _____ Date _____ Time _____

Problem 2: Mary had $32.50 in her savings account. After she withdrew some money, she had $17.25 left. How much money did she withdraw?

Open number sentence: _____

Solution: _____ Answer: _____ (unit)

Name _____ Date _____ Time _____

Problem 3: The school library has 486 fiction books and 321 nonfiction books. How many books does the library have in all?

Open number sentence: _____

Solution: _____ Answer: _____ (unit)

Name _____ Date _____ Time _____

Problem 4: Mrs. Snow is 49 years old. Her son, Kevin, is celebrating his 24th birthday today. Mr. Snow is 6 years older than Mrs. Snow. How old was Mrs. Snow when Kevin was born?

Open number sentence: _____

Solution: _____ Answer: _____ (unit)