

Name 2nd Grade Summe

Math Packet!

Fill in the circle under the correct answer.

(entering grade 3)

1. Choose the related addition fact.

$$8 + 7 = 15$$

$7 + 8 = 15$

$9 + 6 = 15$

$6 + 9 = 15$

$15 + 0 = 15$

2.

$$\begin{array}{r} 8 \\ 4 \\ 2 \\ + 3 \\ \hline \end{array}$$

18

17

16

15

3. Choose the doubles + 1 fact.

$7 + 6 = 13$

$7 + 5 = 12$

$7 + 7 = 14$

$7 + 8 = 15$

4. Compare.
Choose $<$, $=$, or $>$.

$68 \text{ (?) } 69$

 $<$

 $=$

 $>$

5. Choose the related subtraction fact.

$$16 - 7 = 9$$

$16 - 8 = 8$

$9 + 7 = 16$

$9 - 7 = 2$

$16 - 9 = 7$

6. Add.

$$\begin{array}{r} 9 \\ + 3 \\ \hline \end{array}$$

10

12

4

11

7. How many tens and ones are in 92 ones?

90 tens 2 ones

2 tens 9 ones

9 tens 2 ones

9 tens 20 ones

8. What is the value of the underlined digit?

$$\underline{7}3$$

70

7

30

3

Fill in the circle under the correct answer.

9. What ordinal is just after eighteenth?

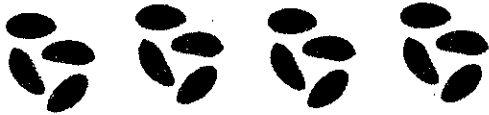
nineteenth

twentieth

seventeenth

sixteenth

10. Count by 4s. How many nuts are there?



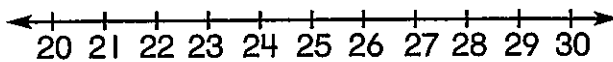
20

12

16

24

11. Round 24 to the nearest ten.



20

25

30

35

12. Which is the missing addend?

$$7 + ? = 11$$

5

4

3

2

13. Which list is in order from greatest to least?

98, 89, 94, 81

94, 98, 81, 89

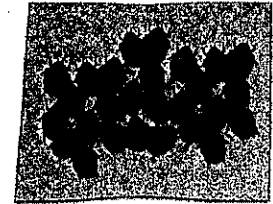
98, 94, 89, 81

81, 89, 94, 98

14. About how many beetles are on the tray?



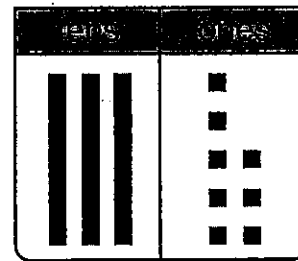
10 beetles



about 30

about 60

15. How many tens and ones does the model show?



8 tens 3 ones

3 tens 8 ones

3 tens 7 ones

4 tens 8 ones

Fill in the circle under the correct answer.

9. How many vertices does a rectangle have?



- 2 4 6 8

10. Find the sum. Regroup as needed.

$$\begin{array}{r} 36 \\ + 43 \\ + 12 \\ \hline \end{array}$$

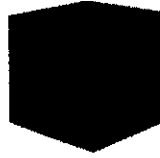
- 85 81 96 91

11. Estimate the sum.

$$\begin{array}{r} 43 \longrightarrow \boxed{} \\ + 46 \longrightarrow + \boxed{} \\ \hline \text{about} \end{array}$$

- about 70 about 80 about 90

12. Which solid figure has 5 faces?



-

13. Subtract.

ones	tens
3	5
8	1
-	

- 45 42 35 36

14. Estimate the difference.

$$\begin{array}{r} 92 \longrightarrow \boxed{} \\ - 58 \longrightarrow - \boxed{} \\ \hline \text{about} \end{array}$$

- about 20 about 30 about 40

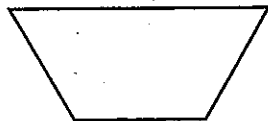
Name _____

Fill in the circle under the correct answer.

15. Which is most likely to come next in the pattern?



16. Predict how many ▲ you have when you separate the trapezoid.



5

4

3

2

17. What move is shown?

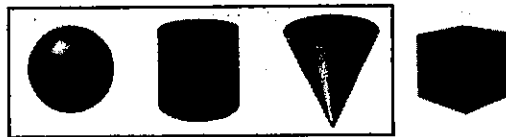


slide

flip

turn

18. How are these figures sorted?



figures with 2 flat surfaces

figures with a curved surface

19. Use the grid. Draw the figure at each point.

(5, 2)

(3, 8)

(9, 4)

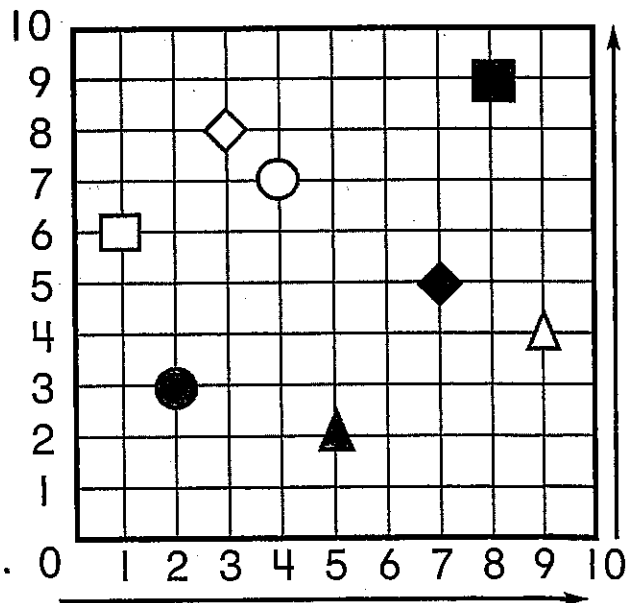
(4, 7)

(1, 6)

(7, 5)

(8, 9)

(2, 3)



20. Draw four new figures on the grid.

21. On a separate sheet of paper, write the ordered pair for each figure you draw.

22. Explain how ordered pairs locate figures on a grid.

Fill in the circle under the correct answer.
 Show your work on a separate sheet of paper.

23. Sam sells 27 apples at the fruit sale. Nina sells 13 pears and 6 apples.
 How many more apples than pears are sold?

- 13 6 10 20

24. Lily has 19 fish in a pond. She gives 6 fish to Hannah. Then Lily puts 9 new fish in the pond. How many fish are in the pond?

- 9 12 22 19

25. Cesar sees 9 shooting stars. Maya sees 17 other shooting stars. Then Cesar sees 6 more shooting stars. How many more shooting stars does Maya see than Cesar?

- 6 2 17 3

Complete the table below to solve exercises 26–27.

Bracelets					
Beads					

26. Lin uses 3 beads for each bracelet she makes. How many beads does she use to make 4 bracelets?

- 7 9 12 15

27. How many bracelets can Lin make if she uses 15 beads?

- 4 5 6 7

28. Which shows the same pattern in a different way?



A B B A C C A



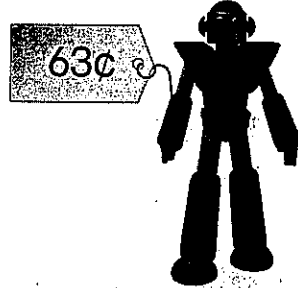
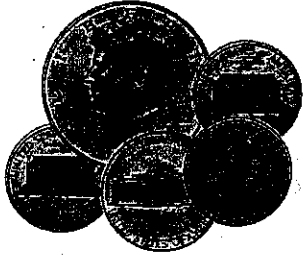
A B C A D E A



Name _____

Fill in the circle by the correct answer.

1. Find the total amount. Is there enough money to buy the toy?



Yes

No

2. Count the dollar and cents. Which shows the total amount?



\$1.12



\$1.32



\$1.28



\$1.17

3. Max has 64¢. He buys a book for 31¢ and a toy for 26¢. How much change will Max get?

5¢

6¢

7¢

8¢

4. What time is it?



11:20

11:25

12:20

5. What time is it?



a quarter after 3

a quarter to 3

a quarter to 4

6. How much time has passed?

start



1 hour and 30 minutes

end



2 hours and 30 minutes

Fill in the circle under the correct answer.
Use the calendar for exercise 7.

April						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

7. What is the date of the third Thursday in April?

- April 8 April 15
- April 14 April 22

9. What number has 7 hundreds 8 tens 3 ones?

- 873 783 738 837

8. What is the expanded form for the number 692?

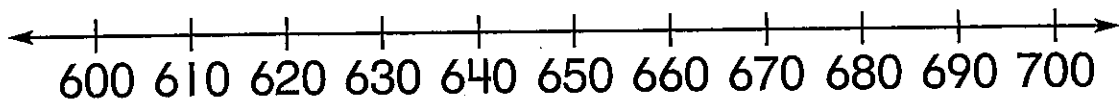
- $60+9+2$ $6+9+2$
- $600+90+2$ $6+90+200$

10. Choose the missing numbers.

? , 421 , ? , 441 , 451 , ?

- 321, 521, 821 411, 431, 461
- 420, 422, 452 411, 441, 471

Use the number line for exercises 11 and 12.



11. Round 640 to the nearest hundred.

640

- 600 650 700 610

12. Round 651 to the nearest hundred.

651

- 690 700 650 600

Name _____

Fill in the circle under the correct answer.

13. Find the sum.

$$\begin{array}{r} 376 \\ + 23 \\ \hline \end{array}$$

- 390 353 399 398

15. Count back 10.

$$501 - 10 = ?$$

- 601 511 401 491

14. Find the sum. Regroup as needed.

$$\begin{array}{r} \$7.37 \\ + 1.86 \\ \hline \end{array}$$

- \$9.13 \$8.13 \$9.23 \$8.23

16. Subtract. Regroup as needed.

$$\begin{array}{r} \$7.28 \\ - 3.54 \\ \hline \end{array}$$

- \$4.34 \$4.74 \$3.34 \$3.74

Estimate

17. Round to the nearest hundred.
Add or subtract.

$$\begin{array}{r} 630 \\ + 220 \\ \hline \end{array} \longrightarrow \begin{array}{c} \square \\ \square \end{array}$$

about

$$\begin{array}{r} 880 \\ - 560 \\ \hline \end{array} \longrightarrow \begin{array}{c} \square \\ \square \end{array}$$

about

18. When might estimating and adding or subtracting be useful?

Write your answer on a separate sheet of paper.

Fill in the circle under the correct answer.
 Show your work on a separate sheet of paper.

19. Isabel has 4 coins.
 Together they total 35¢.
 Guess and test to find which
 coins Isabel has.

- 1 quarter, 1 dime, 2 nickels
- 2 dimes, 2 nickels
- 3 dimes, 1 nickel

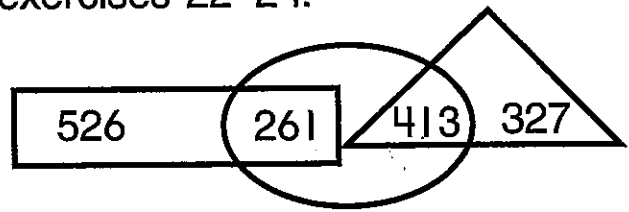
20. How many 3-digit numbers
 greater than 400 use the
 digits 1, 5, and 6 only once?

- 2 4 6 8

21. How many 3-digit numbers
 less than 900 use the digits
 1, 7, and 9 only once?

- 1 2 3 4

Use the diagram for
 exercises 22–24.



22. Which numbers have the
 greater sum, the numbers
 inside the oval or the
 numbers inside the rectangle?

- oval rectangle

23. What is the sum of the
 numbers **not** inside the oval?

- 843 787 674 853

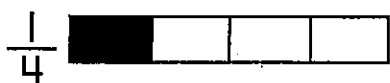
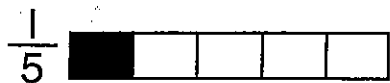
24. What is the difference of the
 numbers inside the rectangle?

- 365 265 345 255

Name _____

Fill in the circle by the correct answer.

- 1.** Compare the fractions.
Choose $<$, $=$, or $>$.



$\frac{1}{5}$ $\frac{1}{4}$

- $<$ $=$ $>$

- 2.** Choose the equal fractions shown.



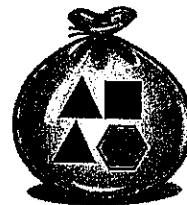
- $\frac{4}{5} = \frac{8}{10}$ $\frac{4}{6} = \frac{8}{12}$ $\frac{4}{4} = \frac{8}{8}$

- 3.** About how heavy is the real object?



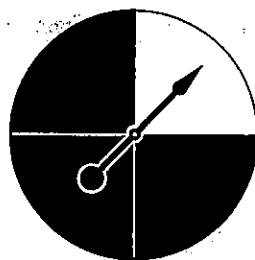
- about 20 pounds
 about 20 ounces

- 4.** Is it certain, possible, or impossible to pick a circle from the bag?



- certain possible impossible

- 5.** How likely is this spinner to land on white than on black?



- more likely
 less likely
 equally likely

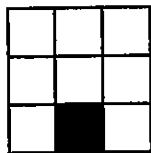
- 6.** Find the volume.



- 10 12 15 18

Fill in the circle under the correct answer.

- 7.** Choose the fraction for the part shaded.



- $\frac{1}{10}$ $\frac{1}{7}$ $\frac{1}{12}$ $\frac{1}{9}$

- 8.** About how much can the real container hold?



- about 3 liters about 30 liters

- 9.** Seth hangs 18 streamers. One third is purple. How many are purple?

- 12 6 5 10

- 10.** Nan has 21 marbles. She shares them equally among 3 friends. How many marbles does each friend get?

- 9 7 6 8

- 11.** What is the related division fact for $9 \times 3 = 27$?

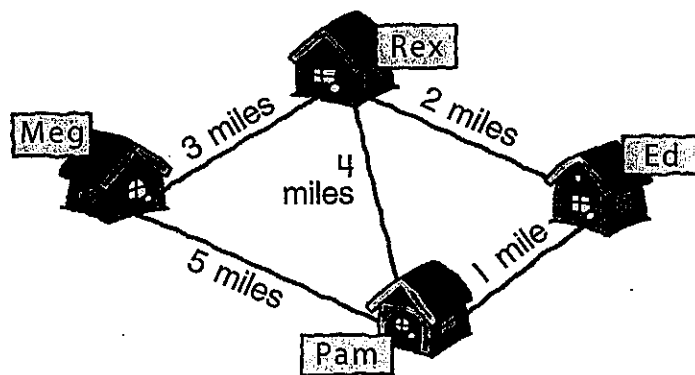
- $36 \div 4 = 9$ $28 \div 4 = 7$

 $27 \div 3 = 9$ $18 \div 2 = 9$

- 12.** Does the ● equal 6?

$$18 \div \bullet = \bullet - 3$$

- Yes No



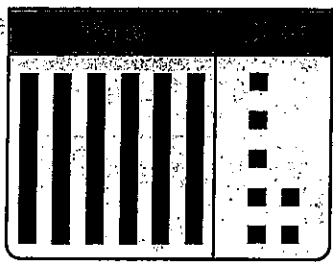
- 13.** Meg rides her bike to Rex's house. Then she rides to Pam's house. How far does Meg ride her bike?

- 6 miles 11 miles 7 miles

Name _____

Fill in the circle under the correct answer.

16. How many tens and ones?



- 7 tens 6 ones 6 tens 7 ones
- 6 tens 6 ones 6 tens 8 ones

17.



- 34 36 24 26

18. How many angles?



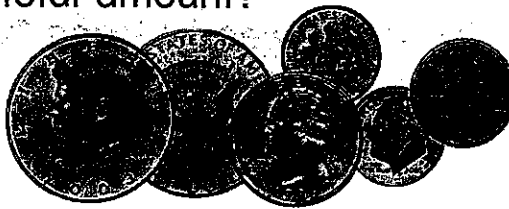
- 4 5 6 8

19. What is the value of the underlined digit?



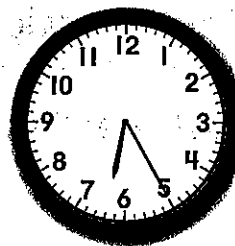
- 9 900 90

20. Count on. Which shows the total amount?



- \$1.71 96¢ \$1.26 \$1.46

21. What time is it?



- 5:25 6:25
- 6:35 5:35

22. Group 10 tens as 1 hundred. Choose the number that tells how many hundreds, tens, and ones.



- 132 202 232 212

Fill in the circle under the correct answer.
 Show your work on a separate sheet of paper.

23. Kim collects stamps.
 The number of stamps she
 has is between 17 and 26.
 It has 9 ones.
 Which number is it?

- 29 21 19 9

24. Calvin finds 42 twigs.
 Maya finds 49 twigs.
 Calvin finds 6 more twigs.
 Who finds more twigs?

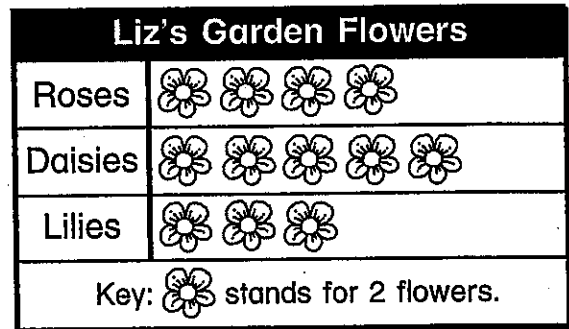
- Calvin Maya

25. Make a table to solve the
 problem.
 Alex puts 8 raisins in each
 muffin he bakes. How many
 raisins does he need to bake
 4 muffins?

Muffins				
Raisins				

- 16 24 32 40

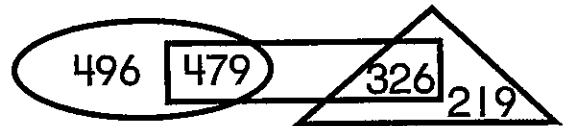
Use the graph for exercise 26.



26. Liz wants to grow the same
 number of lilies as daisies in
 her garden. How many more
 lilies does Liz need to plant?

- 3 4 8 2

27. Which numbers have the
 lesser sum, the numbers
 inside the rectangle or the
 numbers in the triangle?



- rectangle triangle

28. Each of Ted's three sisters
 gives him 7 books. How
 many books do they give
 Ted in all?

- 24 14 21 28

Name _____

Fill in the circle by the correct answer.

1. Find the related addition fact.

$10 + 3 = 13$

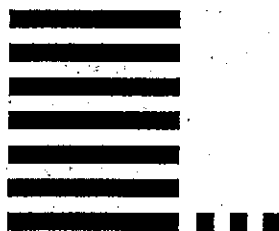
$9 + 4 = 13$

$9 + 5 = 14$

$4 + 9 = 13$

2. Subtract.

	7	3
-	4	9



24



34



26



36



3.

\$6.79
+ 2.48

\$9.17



\$8.27



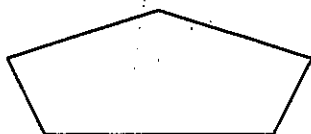
\$9.27



\$8.17



4. Use a centimeter ruler to find the perimeter of the figure.



10 cm



7 cm



12 cm



9 cm



5. What is the related division fact for $9 \times 4 = 36$?

$36 \div 3 = 12$

$36 \div 4 = 9$

$36 \div 2 = 18$

6. Rewrite the addends. Add.

$68 + 23$

+	

81



91



85



95



7. What is the value of the underlined digit?

81

10



8



11



1



8. How many tens and ones are in 53 ones?

50 tens 3 ones



3 tens 5 ones



5 tens 3 ones

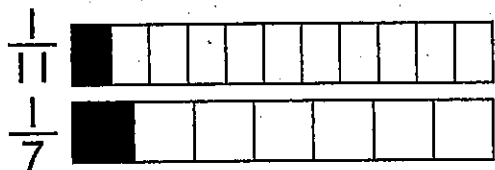


5 tens 30 ones



Fill in the circle under the correct answer.

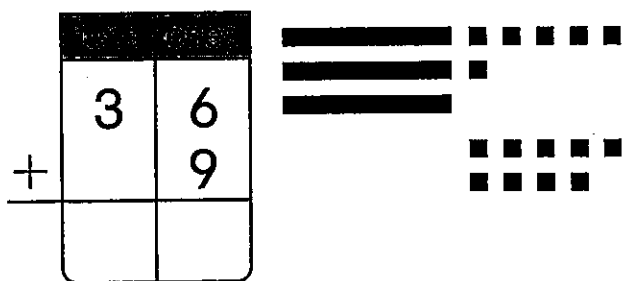
- 9.** Compare the fractions. Choose $<$, $=$, or $>$.



$$\frac{1}{11} \text{ (?) } \frac{1}{7}$$

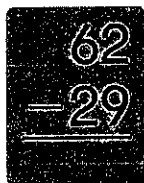
$<$ $=$ $>$

- 10.** Add. Circle the ones you regroup.



- 33 43 45 48
-

- 11.** Choose which you would use to check your subtraction.



- | | | | |
|--|--|--|--|
| $\begin{array}{r} 32 \\ + 30 \\ \hline 62 \end{array}$ | $\begin{array}{r} 29 \\ + 29 \\ \hline 58 \end{array}$ | $\begin{array}{r} 33 \\ + 29 \\ \hline 62 \end{array}$ | $\begin{array}{r} 31 \\ + 31 \\ \hline 62 \end{array}$ |
| <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |

- 12.** Find the sum. Regroup as needed.



- 77 67 72 87
-

- 13.** Mel buys a banana for 29¢ and an apple for 16¢. He pays with 47¢. How much change will Mel get?

- 4¢ 3¢ 2¢ 1¢
-

- 14.** Subtract. Regroup twice if needed.



- 494 384 484 394
-

- 15.** Choose the equal fractions shown.



- $\frac{3}{6} = \frac{6}{10}$ $\frac{3}{5} = \frac{6}{10}$ $\frac{3}{5} = \frac{6}{8}$
-