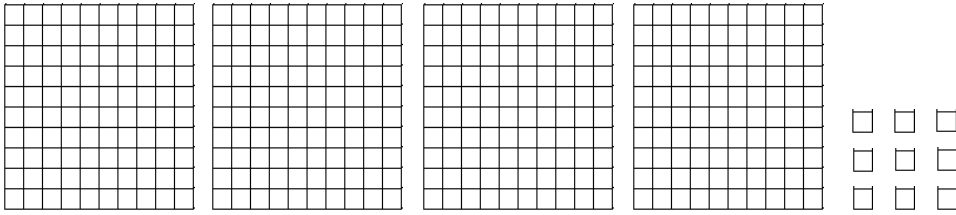


Name _____ Date _____

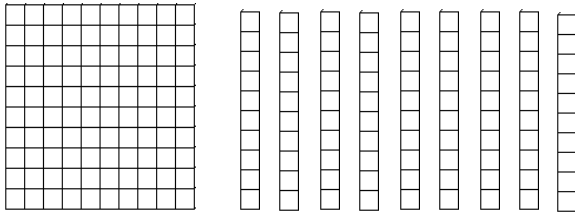
(2A)



1. What number is shown in this picture?

- 409
- 490
- 904
- 940

(2A)



2. What number does the picture of blocks show?

- 109
- 190
- 191
- 199

(4C)

3. Mr. Jackson baked 48 chocolate chip cookies. This number is **closest** to

- 40
- 50
- 55
- 60

(4C)

4. Mrs. Jackson chopped down 33 small trees. This number is **about**

- 30
- 40
- 50
- 60

(4C)

5. Miss Krueger has 62 Connecticut quarters. **About** how many quarters is that?

- a little less than 60.
- a little more than 60.
- a little less than 70.
- a little more than 70.

(6A)

6. Solve this problem.

$$14 - 8 =$$

- 3
- 4
- 5
- 6

(6A)

7. Solve this problem.

$$\begin{array}{r} 18 \\ - 9 \\ \hline \end{array}$$

- 8
- 9
- 10
- 11

(7A)

8. Solve this problem.

$$87 - 4 =$$

- 37
- 73
- 83
- 91

(7A)

9.

$$53 + 32 =$$

- 57
- 68
- 75
- 85

(5C)

10. Write a story problem that can be solved using the number sentence

$$25 + 50 =$$

11. Solve this problem.

(7B)

$$35 + 26 =$$

- 51
 61
 73
 97

13. On Monday, 45 children bought hot lunch. On Tuesday, 34 children bought hot lunch. How many children bought hot lunch on both days?

(9A)

- 10
 11
 71
 79

12. Solve this problem.

(7B)

$$44 + 19 =$$

- 53
 63
 135
 145

14. On Thursday, 24 children bought hot lunch. On Friday, 76 children bought hot lunch. How many **more** children bought hot lunch on Friday than on Thursday?

(9A)

- 43 90
 52 92

(9B)

15. In her back yard, Mrs. Andrews planted 42 red roses. She also planted 25 red roses and 18 lilies in her front yard. How many lilies and roses did Mrs. Andrews plant in all?

- 43
- 60
- 67
- 85

(9B)

18. At Abe's birthday party, He had 12 gifts that had red bows. There were also 6 gifts that had blue bows. He counted 8 gifts that had gold bows. How many more gifts had red bows than blue bows?

- 2
- 4
- 6
- 8

(9B)

16. Ana is collecting state quarters. So far she has found 15 Georgia quarters, 26 US dimes, and 37 Connecticut quarters. How many quarters has she found so far?

- 41
- 52
- 63
- 78

(11A)

19. Mrs. D'Amato corrected between 3 and 9 papers every minute for 5 minutes. **About** how many papers could she have corrected?

- 10
- 35
- 50
- 75

(9B)

17. One day Moe's mom got hungry. She ate 59 cheeseburgers. For dessert, she ate 12 more hamburgers without cheese and 18 hot dogs. How many **more** cheeseburgers did she eat than hamburgers without cheese?

- 30
- 47
- 71
- 77

(11A)

20. Mrs. Nestico has \$89 in her black wallet. She has \$38 in her silver wallet. **About** how much money does she have in both wallets?

- \$120
- \$130
- \$140
- \$150

<p style="text-align: right;">(11A)</p> <p>21. The Jolly Green Giant had 72 cans of peas. He ate 39 cans of peas yesterday. About how many cans of peas did not get eaten?</p> <ul style="list-style-type: none"><input type="radio"/> a little less than 20<input type="radio"/> a little more than 20<input type="radio"/> a little less than 30<input type="radio"/> a little more than 30	<p style="text-align: right;">(10A)</p> <p>24. Mrs. Strelau (stray low) had 826 marbles. She lost 432 of her marbles. Which of the following would be best for her to use to estimate how many marbles she has left?</p> <ul style="list-style-type: none"><input type="radio"/> 800 – 400<input type="radio"/> 800 – 500<input type="radio"/> 900 – 400<input type="radio"/> 900 – 500
<p style="text-align: right;">(11A)</p> <p>22. Mrs. Cashman had 57 pairs of shoes. She bought 29 more pairs of shoes. About how many pairs of shoes does she now have?</p> <ul style="list-style-type: none"><input type="radio"/> a little less than 80<input type="radio"/> between 80 and 90<input type="radio"/> between 90 and 100<input type="radio"/> more than 90	<p style="text-align: right;">(10A)</p> <p>25. Mrs. Block bought a new book for \$22.98. She gave the clerk \$50. Which of the following would be best for Mrs. Block to use to estimate her change?</p> <ul style="list-style-type: none"><input type="radio"/> \$20 - \$50<input type="radio"/> \$30 - \$50<input type="radio"/> \$50 - \$20<input type="radio"/> \$50 - \$30
<p style="text-align: right;">(10A)</p> <p>23. Mrs. Gallant needs to add 529 and 897. Which of the following would be best for Mrs. Gallant to use to estimate the sum?</p> <ul style="list-style-type: none"><input type="radio"/> 500 + 800<input type="radio"/> 500 + 900<input type="radio"/> 600 + 800<input type="radio"/> 600 + 900	<p style="text-align: right;">(10A)</p> <p>26. Mr. Hanrahan bought a CD for \$29.85. He also spent \$48.25 on a new set of tools. Which of the following would be best for Mr. Hanrahan to use to estimate the total amount of money he spent?</p> <ul style="list-style-type: none"><input type="radio"/> \$30 + \$50<input type="radio"/> \$20 + \$40<input type="radio"/> \$30 + \$40<input type="radio"/> \$20 + \$50

Name _____

Date _____

(25A)

Tom's class is having a contest to see who can find the most objects outside the school. Any class that finds enough objects to earn 70 or more points will have a pizza party. These are the objects to be found and the points each object is worth:

OBJECT	POINTS
Toy Cars	5
Umbrellas	5
Tennis Balls	10
Baseball Caps	10

- ◆ No one is allowed to earn more than 30 points for any one object.
- ◆ At least one of each object must be found.
- ◆ Fill in the chart to show one way to earn **exactly** 80 points.
- ◆ Show your work.
- ◆ Use more paper if you need more room.

OBJECT	NUMBER FOUND	POINTS EARNED
Toy Cars		
Umbrellas		
Tennis Balls		
Baseball Caps		
TOTALS		

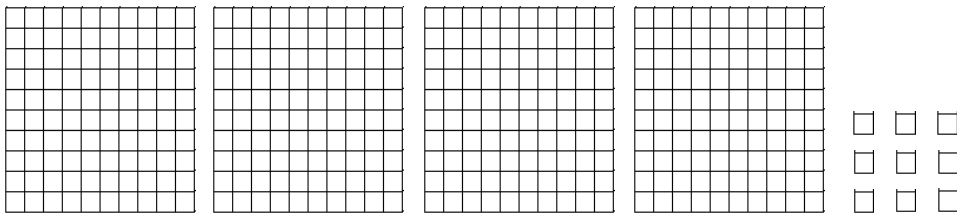
Revised: Nov. 27, 2005

Topic 5: Adding 2- and 3-Digit Numbers

- ◆ 2A: Relate whole numbers to pictorial representations of base ten blocks and vice versa.
- ◆ 4C: Round 3-digit numbers in context.
- ◆ 5C: Write a story problem from an addition number sentence.
- ◆ 6A: Add and subtract facts to 18.
- ◆ 7A: Add and subtract 1- and 2-digit numbers without regrouping.
- ◆ 7B: Add 1- and 2-digit numbers with regrouping.
- ◆ 9A: Solve simple story problems involving addition with and without regrouping and subtraction without regrouping.
- ◆ 9B: Solve simple story problems involving addition with and without regrouping and subtraction without regrouping with extraneous information
- ◆ 10A: Identify the best expression to find an estimate.
- ◆ 11A: Identify a reasonable estimate to a problem.
- ◆ 25A: Solve extended numerical or statistical problems.

ANSWERS

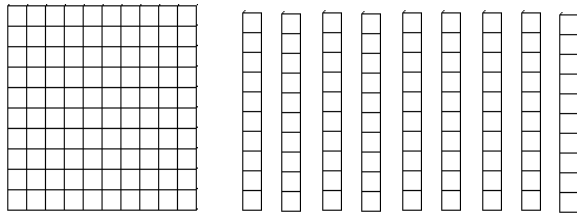
(2A)



1. What number is shown in this picture?

- 409 ***
 490
 904
 940

(2A)



2. What number does the picture of blocks show?

- 109
 190 ***
 191
 199

(4C)

3. Mr. Jackson baked 48 chocolate chip cookies. This number is **closest** to

- 40
 50 ***
 55
 60

(4C)

4. Mrs. Jackson chopped down 33 small trees. This number is **about**

- 30 ***
 40
 50
 60

(4C)

5. Miss Krueger has 62 Connecticut quarters. **About** how many quarters is that?

- a little less than 60.
 a little more than 60. ***
 a little less than 70.
 a little more than 70.

(6A)

6. Solve this problem.

$$14 - 8 =$$

- 3 5
 4 6 ***

(6A)

7. Solve this problem.

$$\begin{array}{r} 18 \\ - 9 \\ \hline \end{array}$$

- 8
 9 ***
 10
 11

(7A)

8. Solve this problem.

$$87 - 4 =$$

- ~~37~~
~~73~~
 83 ***
~~91~~

(7A)

9. Solve this problem.

$$53 + 32 =$$

- ~~57~~
~~68~~
~~75~~
 85 ***

(5C)

10. Write a story problem that can be solved using the number sentence

$$25 + 50 =$$

JOINING MODEL OF ADDITION: Diane went shopping 25 times last month. She went shopping 50 times the month before. How many times did she go shopping in all? [I guess she really needs new clothes. I wonder what happened to the old clothes?]

COMBINED MODEL OF ADDITION: Diane bought 25 hot pink dresses. She also bought 50 fabulous fuchsia dresses. How many dresses did she buy altogether? [Fuchsia? Hot pink? Whatever happened to boring beige and basic black?]

(7B)

11. Solve this problem.

$$35 + 26 =$$

 61 61 *** 73 97

(9A)

13. On Monday, 45 children bought hot lunch. On Tuesday, 34 children bought hot lunch. How many children bought hot lunch on both days?

 10 11 71 79 ***

(7B)

12. Solve this problem.

$$44 + 19 =$$

 53 63 *** 135 145

(9A)

14. On Thursday, 24 children bought hot lunch. On Friday, 76 children bought hot lunch. How many **more** children bought hot lunch on Friday than on Thursday?43 90 52 *** 92

(9B)

15. In her back yard, Mrs. Andrews planted 42 red roses. She also planted 25 red roses and 18 lilies in her front yard. How many lilies and roses did Mrs. Andrews plant in all?

- 43
 60
 67
 85 ***

(9B)

18. At Abe's birthday party, He had 12 gifts that had red bows. There were also 6 gifts that had blue bows. He counted 8 gifts that had gold bows. How many more gifts had red bows than blue bows?

- 2
 4
 6 ***
 8

(9B)

16. Ana is collecting state quarters. So far she has found 15 Georgia quarters, 26 US dimes, and 37 Connecticut quarters. How many quarters has she found so far?

- 41
 52 ***
 63
 78

(11A)

19. Mrs. D'Amato corrected between 3 and 9 papers every minute for 5 minutes. **About** how many papers could she have corrected?

- 10
 35 ***
 50
 75

3	9
3	9
3	9
3	9
<u>3</u>	<u>9</u>
15	45

(9B)

17. One day Moe's mom got hungry. She ate 59 cheeseburgers. For dessert, she ate 12 more hamburgers without cheese and 18 hot dogs. How many **more** cheeseburgers did she eat than hamburgers without cheese?

- 30
 47 ***
 71
 77

(11A)

20. Mrs. Nestico has \$89 in her black wallet. She has \$38 in her silver wallet. **About** how much money does she have in both wallets?

- \$120
 \$130 ***
 \$140
 \$150

89	→	90
38	→	38
<hr/>		
		128

80	+	9
30	+	8
<hr/>		
110	+	less than 20 =
less than 130		

<p style="text-align: right;">(11A)</p> <p>21. The Jolly Green Giant had 72 cans of peas. He ate 39 cans of peas yesterday. About how many cans of peas did not get eaten?</p> <div style="border: 1px solid black; padding: 5px; display: inline-block; margin-left: 20px;"> $\begin{array}{r} 72 \\ - 40 \\ \hline 32 \end{array}$ </div> <p> <input type="radio"/> a little less than 20 <input type="radio"/> a little more than 20 <input type="radio"/> a little less than 30 <input type="radio"/> a little more than 30 *** </p>	<p style="text-align: right;">(10A)</p> <p>24. Mrs. Strelau (stray low) had 826 marbles. She lost 432 of her marbles. Which of the following would be best for her to use to estimate how many marbles she has left?</p> <p> <input type="radio"/> 800 – 400 *** <input type="radio"/> 800 – 500 <input type="radio"/> 900 – 400 <input type="radio"/> 900 – 500 </p>
<p style="text-align: right;">(11A)</p> <p>22. Mrs. Cashman had 57 pairs of shoes. She bought 29 more pairs of shoes. About how many pairs of shoes does she now have?</p> <div style="border: 1px solid black; padding: 5px; display: inline-block; margin-left: 20px;"> $\begin{array}{r} 57 \\ + 30 \\ \hline 87 \end{array}$ </div> <p> <input type="radio"/> a little less than 80 <input type="radio"/> between 80 and 90 *** <input type="radio"/> between 90 and 100 <input type="radio"/> more than 90 </p>	<p style="text-align: right;">(10A)</p> <p>25. Mrs. Block bought a new book for \$22.98. She gave the clerk \$50. Which of the following would be best for Mrs. Block to use to estimate her change?</p> <p> <input type="radio"/> \$20 - \$50 <input type="radio"/> \$30 - \$50 <input type="radio"/> \$50 - \$20 *** <input type="radio"/> \$50 - \$30 </p>
<p style="text-align: right;">(10A)</p> <p>23. Mrs. Gallant needs to add 529 and 897. Which of the following would be best for Mrs. Gallant to use to estimate the sum?</p> <p> <input type="radio"/> 500 + 800 <input type="radio"/> 500 + 900 *** <input type="radio"/> 600 + 800 <input type="radio"/> 600 + 900 </p>	<p style="text-align: right;">(10A)</p> <p>26. Mr. Hanrahan bought a CD for \$29.85. He also spent \$48.25 on a new set of tools. Which of the following would be best for Mr. Hanrahan to use to estimate the total amount of money he spent?</p> <p> <input type="radio"/> \$30 + \$50 *** <input type="radio"/> \$20 + \$40 <input type="radio"/> \$30 + \$40 <input type="radio"/> \$20 + \$50 </p>

Tom's class is having a contest to see who can find the most objects outside the school. Any class that finds enough objects to earn 70 or more points will have a pizza party. These are the objects to be found and the points each object is worth:

OBJECT	POINTS
Toy Cars	5
Umbrellas	5
Tennis Balls	10
Baseball Caps	10

- ◆ No one is allowed to earn more than 30 points for any one object.
- ◆ At least one of each object must be found.
- ◆ Fill in the chart to show one way to earn **exactly** 80 points.
- ◆ Show your work.
- ◆ Use more paper if you need more room.

OBJECT	NUMBER FOUND	POINTS EARNED
Toy Cars (5)	2	$5 + 5 = 10$
Umbrellas (5)	2	$5 + 5 = 10$
Tennis Balls (10)	3	$10 + 10 + 10 = 30$
Baseball Caps (10)	3	$10 + 10 + 10 = 30$
TOTALS		80

2 cars =	10
4 umbrellas =	20
3 tennis balls =	30
2 caps =	20
TOTAL =	80

OBJECT	NUMBER FOUND	POINTS EARNED
Toy Cars (5)	6	$5 \times 6 = 30$
Umbrellas (5)	6	$5 \times 6 = 30$
Tennis Balls (10)	1	$10 \times 1 = 10$
Baseball Caps (10)	1	$10 \times 1 = 10$
TOTALS		80

OBJECT	NUMBER FOUND	POINTS EARNED
Toy Cars (5)	4	20
Umbrellas (5)	6	30
Tennis Balls (10)	2	20
Baseball Caps (10)	1	10
TOTALS		80

POSSIBLE Explanation:

- ◆ For the cars I added $5 + 5 + 5 + 5$
- ◆ For the umbrellas I added 5 two more times than the cars ($20 + 10$)
- ◆ For the tennis balls, I added $10 + 10$
- ◆ For the baseball cap, I added one more 10.
- ◆ That made a total of 80 in all.