

Name _____

Number Patterns

Find the sum. Then use the Commutative Property of Addition to write the related addition sentence.

1. $9 + 2 = 11$ 4. $3 + 10 = \underline{\quad}$ 7. $8 + 9 = \underline{\quad}$

$\underline{2} + \underline{9} = 11$ $\underline{\quad} + \underline{\quad} = \underline{\quad}$ $\underline{\quad} + \underline{\quad} = \underline{\quad}$

2. $4 + 7 = \underline{\quad}$ 5. $6 + 7 = \underline{\quad}$ 8. $0 + 4 = \underline{\quad}$

$\underline{\quad} + \underline{\quad} = \underline{\quad}$ $\underline{\quad} + \underline{\quad} = \underline{\quad}$ $\underline{\quad} + \underline{\quad} = \underline{\quad}$

3. $3 + 6 = \underline{\quad}$ 6. $7 + 5 = \underline{\quad}$ 9. $9 + 6 = \underline{\quad}$

$\underline{\quad} + \underline{\quad} = \underline{\quad}$ $\underline{\quad} + \underline{\quad} = \underline{\quad}$ $\underline{\quad} + \underline{\quad} = \underline{\quad}$

Is the sum even or odd? Write *even* or *odd*.

10. $5 + 2$ _____ 11. $6 + 4$ _____ 12. $1 + 0$ _____

13. $5 + 5$ _____ 14. $3 + 8$ _____ 15. $7 + 7$ _____

Problem Solving

16. Ada writes $10 + 8 = 18$ on the board. Maria wants to use the Commutative Property of Addition to rewrite Ada's addition sentence. What number sentence should Maria write?

17. Jackson says he has an odd number of model cars. He has 6 cars on one shelf and 8 cars on another shelf. Is Jackson correct? **Explain.**

Lesson Check

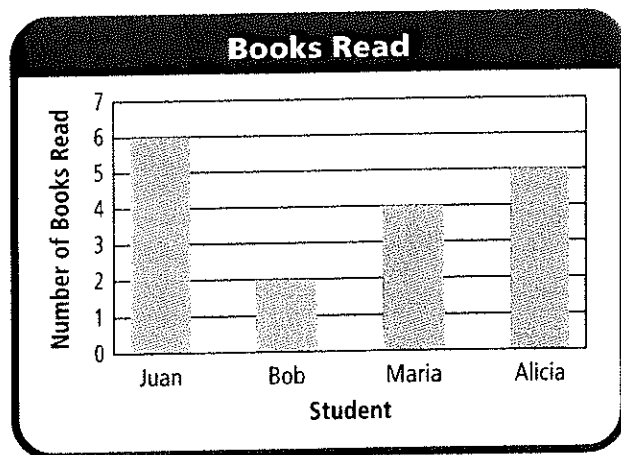
1. Marvella says that the sum of her addends is odd. Which of the following could be Marvella's addition problem?
(A) $5 + 3$ (C) $2 + 8$
(B) $9 + 7$ (D) $5 + 6$
2. Which number sentence shows the Commutative Property of Addition?
 $3 + 9 = 12$
(A) $12 - 9 = 3$ (C) $9 + 3 = 12$
(B) $12 = 8 + 4$ (D) $12 - 3 = 9$

Spiral Review

3. Amber has 2 quarters, a dime, and 3 pennies. How much money does Amber have? (Grade 2)
(A) 53¢ (C) 63¢
(B) 58¢ (D) 68¢
4. Josh estimates the height of his desk. Which is the best estimate? (Grade 2)
(A) 1 foot (C) 5 feet
(B) 2 feet (D) 9 feet

Use the bar graph for 5–6.

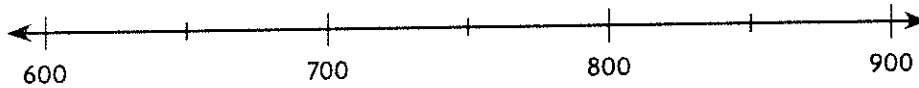
5. Who read the most books? (Grade 2)
(A) Alicia
(B) Bob
(C) Juan
(D) Maria
6. Who read 3 more books than Bob? (Grade 2)
(A) Alicia
(B) Juan
(C) Maria
(D) no one



Name _____

Round to the Nearest Ten or Hundred

Locate and label 739 on the number line.
Round to the nearest hundred.



1. 739 is between 700 and 800.
2. 739 is closer to _____ than it is to _____.
3. 739 rounded to the nearest hundred is _____.

Round to the nearest ten and hundred.

- | | | |
|------------------------|------------------------|------------------------|
| 4. 363 _____
_____ | 5. 829 _____
_____ | 6. 572 _____
_____ |
| 7. 209 _____
_____ | 8. 663 _____
_____ | 9. 949 _____
_____ |
| 10. 762 _____
_____ | 11. 399 _____
_____ | 12. 402 _____
_____ |

Problem Solving



13. The baby elephant weighs 435 pounds. What is its weight rounded to the nearest hundred pounds?

14. Jayce sold 218 cups of lemonade at his lemonade stand. What is 218 rounded to the nearest ten?

Lesson Check

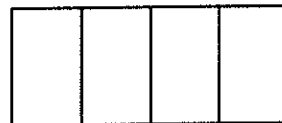
1. One day, 758 people visited the Monkey House at the zoo. What is 758 rounded to the nearest hundred?
(A) 700 (C) 800
(B) 760 (D) 860
2. Sami ordered 132 dresses for her store. What is 132 rounded to the nearest ten?
(A) 100 (C) 140
(B) 130 (D) 200

Spiral Review

3. Which describes the number sentence? (Lesson 1.1)
4. Which has an even sum? (Lesson 1.1)

$$6 + 0 = 6$$

- (A) Commutative Property of Addition
 - (B) Identity Property of Addition
 - (C) even + odd = odd
 - (D) odd + odd = odd
- (A) $7 + 4$
 - (B) $2 + 6$
 - (C) $5 + 4$
 - (D) $3 + 2$
5. What name describes this shape? (Grade 2)
 6. What word describes the equal shares of the shape? (Grade 2)



- (A) cone
 - (B) cube
 - (C) rectangle
 - (D) triangle
- (A) wholes
 - (B) thirds
 - (C) halves
 - (D) fourths

Name _____

Estimate Sums

Use rounding or compatible numbers to estimate the sum.

$$\begin{array}{r} 1. \quad 198 \\ + 727 \\ \hline \end{array} \quad \begin{array}{r} 200 \\ + 725 \\ \hline 925 \end{array}$$

$$2. \quad \begin{array}{r} 87 \\ + 34 \\ \hline \end{array} \quad + \quad \underline{\hspace{2cm}}$$

$$3. \quad \begin{array}{r} 222 \\ + 203 \\ \hline \end{array} \quad + \quad \underline{\hspace{2cm}}$$

$$4. \quad \begin{array}{r} 52 \\ + 39 \\ \hline \end{array} \quad + \quad \underline{\hspace{2cm}}$$

$$5. \quad \begin{array}{r} 256 \\ + 321 \\ \hline \end{array} \quad + \quad \underline{\hspace{2cm}}$$

$$6. \quad \begin{array}{r} 302 \\ + 412 \\ \hline \end{array} \quad + \quad \underline{\hspace{2cm}}$$

$$7. \quad \begin{array}{r} 519 \\ + 124 \\ \hline \end{array} \quad + \quad \underline{\hspace{2cm}}$$

$$8. \quad \begin{array}{r} 790 \\ + 112 \\ \hline \end{array} \quad + \quad \underline{\hspace{2cm}}$$

$$9. \quad \begin{array}{r} 547 \\ + 326 \\ \hline \end{array} \quad + \quad \underline{\hspace{2cm}}$$

$$10. \quad 325 + 458$$

$$\underline{\hspace{2cm}} + \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

$$11. \quad 620 + 107$$

$$\underline{\hspace{2cm}} + \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

Problem Solving



12. Stephanie read 72 pages on Sunday and 83 pages on Monday. About how many pages did Stephanie read during the two days?

13. Matt biked 345 miles last month. This month he has biked 107 miles. Altogether, about how many miles has Matt biked last month and this month?

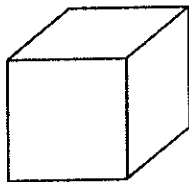
Lesson Check

1. The McBrides drove 317 miles on one day and 289 on the next day. What is the best estimate of the number of miles the McBrides drove in all during the two days?
(A) 100
(B) 400
(C) 500
(D) 600
2. Ryan counted 63 birds in his backyard last week. This week, he counted 71 birds in his backyard. About how many birds did Ryan count in all?
(A) about 70
(B) about 100
(C) about 130
(D) about 200

Spiral Review

3. What name describes this shape?

(Grade 2)



- (A) cone
(B) cube
(C) quadrilateral
(D) square
4. Which has an odd sum? (Lesson 1.1)
(A) $9 + 9$
(B) $5 + 3$
(C) $6 + 7$
(D) $2 + 8$
5. What is 503 rounded to the nearest hundred? (Lesson 1.2)
(A) 500
(B) 510
(C) 600
(D) 610
6. What is 645 rounded to the nearest ten? (Lesson 1.2)
(A) 600
(B) 640
(C) 650
(D) 700

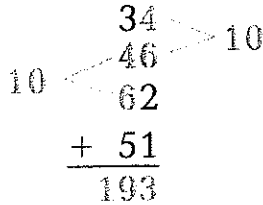
Name _____

Use Properties to Add

Use addition properties and strategies to find the sum.

1. $34 + 62 + 51 + 46 = \underline{193}$

2. $27 + 68 + 43 = \underline{\hspace{2cm}}$



3. $42 + 36 + 18 = \underline{\hspace{2cm}}$

4. $74 + 35 + 16 + 45 = \underline{\hspace{2cm}}$

5. $41 + 26 + 149 = \underline{\hspace{2cm}}$

6. $52 + 64 + 28 + 44 = \underline{\hspace{2cm}}$

Problem Solving 

7. A pet shelter has 26 dogs, 37 cats, and 14 gerbils. How many of these animals are in the pet shelter in all?

8. The pet shelter bought 85 pounds of dog food, 50 pounds of cat food, and 15 pounds of gerbil food. How many pounds of animal food did the pet shelter buy?

Lesson Check

1. At summer camp there are 52 boys, 47 girls, and 18 adults. How many people are at summer camp?
 - (A) 97
 - (B) 107
 - (C) 117
 - (D) 127
2. At camp, 32 children are swimming, 25 are fishing, and 28 are canoeing. How many children are swimming, fishing, or canoeing?
 - (A) 75
 - (B) 85
 - (C) 95
 - (D) 105

Spiral Review

3. Four students estimated the width of the door to their classroom. Who made the best estimate? (Grade 2)
 - (A) Ted: 1 foot
 - (B) Hank: 3 feet
 - (C) Ann: 10 feet
 - (D) Maria: 15 feet
4. Four students estimated the height of the door to their classroom. Who made the best estimate? (Grade 2)
 - (A) Larry: 1 meter
 - (B) Garth: 2 meters
 - (C) Ida: 14 meters
 - (D) Jill: 20 meters
5. Jeff's dog weighs 76 pounds. What is the dog's weight rounded to the nearest ten pounds? (Lesson 1.2)
 - (A) 70 pounds
 - (B) 80 pounds
 - (C) 90 pounds
 - (D) 100 pounds
6. Ms. Kirk drove 164 miles in the morning and 219 miles in the afternoon. Which is the best estimate of the total number of miles she drove that day? (Lesson 1.3)
 - (A) 100 miles
 - (B) 200 miles
 - (C) 400 miles
 - (D) 500 miles