

1 Add mentally.

a. $8 + 5 =$ _____

b. $80 + 50 =$ _____

c. $7 + 7 =$ _____

d. $70 + 70 =$ _____

e. $6 + 9 =$ _____

f. $60 + 90 =$ _____

2 Fill in the missing numbers and state the rule.

a. 2, 4, 6, 8, _____, _____

Rule: + 2

b. 65, 60, 55, _____, _____, _____

Rule: _____

c. 109, 95, 81, _____, _____, _____

Rule: _____

3 What is the value of the digit 5 in **560**?
500

What is the value of the digit 7 in the numbers below? Use a place-value tool.

a. 475 _____

b. 7,058 _____

c. 9,947 _____

d. 68,071 _____



4 What number is halfway between 300 and 600? Fill in the circle next to the best answer.

(A) 550

(B) 450

(C) 525

(D) 400

5 **Writing/Reasoning** Round 475 to the nearest ten. _____
Explain how you rounded the number.



1 Subtract mentally.

a. $7 - 4 =$ _____

b. $70 - 40 =$ _____

c. $14 - 5 =$ _____

d. $140 - 50 =$ _____

e. _____ $= 16 - 7$

f. _____ $= 160 - 70$

SRB
78-79

5 Write $>$, $<$, or $=$ to make each number sentence true.

a. $45 + 10$ _____ $55 - 10$

b. 387 _____ $300 + 87$

c. 4 thousand _____ 4,502

d. $8,000 + 3,000 + 400$ _____ 8,400

SRB
81

2 a. Write the largest number you can make with the digits 5, 2, 3, 0, 6, 0. Use each digit only once.

b. Use the same digits to write the smallest number you can make. Do not start with 0.

4 What is another name for 40? Circle the best answer.

A. $5 * 80$

B. $20 + 20 + 20$

C. $8 * 5$

D. $50 - 20$

5 Add.

a.
$$\begin{array}{r} 432 \\ + 735 \\ \hline \end{array}$$

b.
$$\begin{array}{r} 938 \\ + 366 \\ \hline \end{array}$$

6 Write the number forty-seven thousand, three hundred ninety-two in standard form.

What is the value of the 4?

SRB
80

1 Add mentally.

a. $3 + 3 =$ _____

b. $30 + 30 =$ _____

c. $5 + 6 =$ _____

d. $50 + 60 =$ _____

e. $4 + 7 =$ _____

f. $40 + 70 =$ _____

2 Fill in the missing numbers and state the rule.

a. 4, 8, 12, 16, _____, _____, _____

Rule: _____

b. 33, 30, 27, _____, _____, _____

Rule: _____

c. _____, _____, _____, 106, 141, 176

Rule: _____

3 Use a place-value tool to help you determine the value of the digit 8 in the numbers below.

a. 7,5**8**4 _____

b. 3**8**,067 _____

c. 49,**8**41 _____

d. **8**20,731 _____

e. 391,4**68** _____



4 Complete.

a. Is 63 closer to 60 or 70? _____

b. What number is halfway between 80 and 90? _____

c. Is 572 closer to 500 or 600? _____

d. What number is halfway between 500 and 800? _____

5 **Writing/Reasoning** Explain how the value of the digit 5 in the number 5,555 changes as you move from right to left.

1 Subtract mentally.

a. $15 - 7 =$ _____

b. $150 - 70 =$ _____

c. $13 - 8 =$ _____

d. $130 - 80 =$ _____

e. $18 - 9 =$ _____

f. $180 - 90 =$ _____

3 Write $>$, $<$, or $=$ to make these number sentences true.

a. $952 - 52$ _____ $850 + 50$

b. 3 thousand _____ 3,001

c. 2,100 _____ $2,000 - 100$

d. 9 [10,000s] _____ 90,000

SRB
81

5 Add.

a. $4,563 + 8,712 =$ _____

b. $3,656 + 7,997 =$ _____

2 What is the largest number you can make with the digits 3, 0, 3, 8, and 0? Fill in the circle next to the best answer.

(A) 83,003

(B) 83,030

(C) 83,300

(D) 80,033

SRB
78-79

4 Cross out the 3 names that do not belong in the name-collection box. Label the box with the correct number.

$25 - 13$
$20 - 7$
$6 * 2$
$4 * 3$
$40 - 23$
$7 * 3$

6 Write 842,176 in words. Use a Place-Value Flip Book or chart to help you.

SRB
79

1 Subtract mentally.

- a. $15 - 8 =$ _____
- b. $150 - 80 =$ _____
- c. $13 - 7 =$ _____
- d. $130 - 70 =$ _____
- e. $14 - 6 =$ _____
- f. $140 - 60 =$ _____

2 Use a Place-Value Flip Book or chart. In the number 742,318, the 2 stands for 2,000.

- a. The 1 stands for _____.
- b. The 8 stands for _____.
- c. The 4 stands for _____.
- d. The 3 stands for _____.
- e. The 7 stands for _____.

SRB
78-79

3 Put these numbers in order from least to greatest.

32,000 3,200
23,000 2,300

SRB
81

4 a. Round 6,245 to the nearest . . .
thousand _____
ten _____

b. Round 591,340 to the nearest . . .
hundred-thousand _____
ten-thousand _____

SRB
85-87

5 **Writing/Reasoning** What steps do you follow when you round a number?

SRB
85-87

- 1 Subtract mentally.
- a. $11 - 2 =$ _____
- b. $110 - 20 =$ _____
- c. _____ $= 12 - 4$
- d. $120 - 40 =$ _____
- e. _____ $= 9 - 7$
- f. $90 - 70 =$ _____

- 2 Which expanded form shows 3,458?
Fill in the circle next to ALL that apply.
- a. $3 [1000s] + 4 [100s] + 5 [10s] + 8 [1s]$
- b. $300 + 400 + 50 + 8$
- c. $3,000 + 45 + 8$
- d. $3,000 + 400 + 50 + 8$

 SRB
80

- 3 Subtract. Show your work.
- a.
$$\begin{array}{r} 664 \\ -392 \\ \hline \end{array}$$
- b.
$$\begin{array}{r} 424 \\ -296 \\ \hline \end{array}$$

 SRB
84-101

- 4 Make an estimate. Write a number model to show your strategy.
- a. $3,389 + 2,712$
- _____
- b. $3,452 - 1,147$
- _____

 SRB
82-89

- 5 Use a place-value tool. A number has . . .
- 6 in the hundreds place
 - 2 in the tens place
 - 8 in the hundred-thousands place
 - 5 in the ones place
 - 3 in the thousands place
 - 4 in the ten-thousands place
- Write the number.
- _____

 SRB
78-79

- 6 Write $>$, $<$, or $=$ to make each number sentence true.
- a. 14 _____ 26
- b. $3,003$ _____ $3,300$
- c. $12 + 12$ _____ 24
- d. $200 - 50$ _____ 100
- e. $30 + 30$ _____ $50 + 10$

 SRB
81

1 Subtract mentally.

- a. $17 - 7 =$ _____
- b. $170 - 70 =$ _____
- c. $15 - 9 =$ _____
- d. _____ $= 150 - 90$
- e. $16 - 8 =$ _____
- f. _____ $= 160 - 80$

2 In the number 30,516, what does the 3 stand for? Circle ALL that apply.

- A. 3,000
- B. 3 [10,000s]
- C. 30,000
- D. 300,000

SRB
78-79

3 Put these numbers in order from least to greatest.

46,000 64,000
4,600 4,006

4 a. Round 81,886 to the nearest . . .

thousand _____
ten-thousand _____

b. Round 245,197 to the nearest . . .

hundred-thousand _____
ten-thousand _____

SRB
81SRB
85-87

5 **Writing/Reasoning** What do you need to consider when you order the whole numbers in Problem 3?

SRB
81

1 Subtract mentally.

a. $11 - 5 =$ _____

b. $110 - 50 =$ _____

c. $10 - 6 =$ _____

d. _____ $= 100 - 60$

e. $16 - 7 =$ _____

f. _____ $= 160 - 70$

2 Draw a line connecting each number in standard form with the equivalent number in expanded form.

50,306 30,000 + 1,000 + 5
or 3 [10,000s] + 1 [1,000s]
+ 5 [1s]

31,005 60,000 + 40
or 6 [10,000s] + 4 [10s]

60,040 50,000 + 300 + 6
or 5 [10,000s] + 3 [100s]
+ 6 [1s]

SRB
80

3 Subtract.

a.
$$\begin{array}{r} 842 \\ - 521 \\ \hline \end{array}$$

b.
$$\begin{array}{r} 7468 \\ - 3394 \\ \hline \end{array}$$

SRB
94-101

4 Make an estimate. Write a number model to show your strategy.

a. $1,459 + 291$

b. $681 - 346$

SRB
82-89

5 Use a Place-Value Flip Book or chart. Write the number that has . . .

1 in the ones place

8 in the thousands place

9 in the ten-thousands place

0 in the tens place

6 in the hundred-thousands place

5 in the hundreds place

SRB
78-79

6 Write $>$, $<$, or $=$ to make each number sentence true.

a. $16 + 11$ _____ 47

b. 206 _____ 602

c. $150 - 50$ _____ 100

d. $62 + 10 + 10$ _____ $62 - 10 - 10$

e. $423,726$ _____ $413,999$

SRB
81

1 Subtract.

a.
$$\begin{array}{r} 876 \\ -441 \\ \hline \end{array}$$

b.
$$\begin{array}{r} 652 \\ -538 \\ \hline \end{array}$$

SRB
94-101

2 Jen's goal is to hike about 200 miles on Wisconsin's state trails. If she hikes 74 miles on Tuscobia, 49 miles on Glacial Drumlin, and 24 miles on Great River, how many more miles will she need to hike to reach her goal? Show your work.

SRB
83, 92-
93, 100

Answer: _____ miles

3 Write $>$, $<$, or $=$ to make each number sentence true.

a. $67 - 10$ _____ 57

b. 11 thousand _____ 11,300

c. $400 + 40 + 10$ _____ $400 + 50$

d. $5,000 - 26$ _____ 5 thousand

SRB
81

4 Solve using U.S. traditional addition.

a.
$$\begin{array}{r} 87 \\ +96 \\ \hline \end{array}$$

b.
$$\begin{array}{r} 239 \\ +285 \\ \hline \end{array}$$

SRB
92-93

5 **Writing/Reasoning** Describe how you used U.S. traditional addition to solve Problem 4a.

SRB
92-93

Math Boxes

Preview for Unit 2

Lesson 1-10

DATE

TIME

Math Boxes

1 Make an array for

a. $4 * 4$

b. $3 * 6$

SRB
53

2 Multiply mentally.

a. $2 * 1 =$ _____

b. _____ $= 5 * 0$

c. _____ $= 5 * 2$

d. $5 * 4 =$ _____

e. $3 * 10 =$ _____

3 Fill in the missing numbers.

a. _____, _____, _____, 50,
55, 60

Rule: _____

b. _____, _____, _____, 22, 24,

Rule: _____

c. _____, _____, 42, _____,
_____, 60

Rule: _____

4 Gail was counting geese as they flew over her field. The first group contained 27 geese. The second group had 7 more geese than the first group.

Which number model(s) show(s) how many geese are in the second group? Select ALL that apply.

$27 - 7 = g$

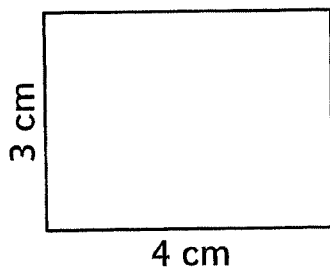
$27 + 7 = g$

$27 = g + 7$

$g = 27 + 7$

SRB
37, 47

5 Find the area of the rectangle.



Area: _____ square cm

SRB
202-204

6 Josephine makes and sells pottery vases. If she charges \$9 per vase and she sells 6 vases one week and 7 vases the next, how much will she earn? Show your work.

Estimate: \$ _____

Answer: \$ _____

SRB
83

1 Kenji is following a 22-week training schedule to prepare for a marathon. The last four weeks call for these weekly running totals: 58 km, 45 km, 37 km, and 29 km. How far will Kenji run in the last four weeks of training? Show your work.

Estimate: _____

Answer: _____ km

SRB
92-93

SRB
226-227

3 Write the number in standard form.

a. $9 [100\text{s}] + 3 [1\text{s}] =$ _____

b. $5 [1,000\text{s}] + 4 [10\text{s}] =$ _____

c. $4 [10,000\text{s}] + 5 [1,000\text{s}] + 6 [100\text{s}] + 9 [1\text{s}] =$ _____

d. $2 [100,000\text{s}] + 6 [1,000\text{s}] + 7 [100\text{s}] + 4 [1\text{s}] =$ _____

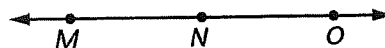
SRB
80

SRB
226-227

2 Draw and label line \overleftrightarrow{QR} . Draw point S on it.

What are two other names for line QR?

4 Name as many rays as you can in the figure below.



5 **Writing/Reasoning** Explain how you used your estimate to see if your answer to Problem 1 was reasonable.

SRB
83

- 1 Subtract using U.S. traditional subtraction.

a.
$$\begin{array}{r} 334 \\ -238 \\ \hline \end{array}$$

b.
$$\begin{array}{r} 881 \\ -436 \\ \hline \end{array}$$

 SRB
100-101

- 2 Eric's car travels about 256 miles on a full tank of gas. With the gas tank full, Eric drove 66 miles to visit cousins. Then he drove 78 miles to visit Grandma. How many more miles can Eric drive before he runs out of gas? Show your work.

Answer: _____ miles

 SRB
83, 92-
93, 100

- 3 Write $>$, $<$, or $=$ to make each number sentence true.

a. $55,699$ _____ $45,609$

b. $67,749$ _____ $66,749$

c. $858,193$ _____ $808,192$

d. 2 thousand _____ 20 hundred

e. $208,775$ _____ 2 million

 SRB
83

- 4 Add using U.S. traditional addition.

a.
$$\begin{array}{r} 354 \\ +589 \\ \hline \end{array}$$

b.
$$\begin{array}{r} 809 \\ +693 \\ \hline \end{array}$$

 SRB
92-93

- 5 **Writing/Reasoning** Explain how you write Problem 4b in expanded form.

 SRB
80

1 In Kendra's city, most blocks are about 328 feet long. If Kendra runs 3 blocks before she rests, about how many feet will she have run?

- (A) 656 feet
- (B) 1,084 feet
- (C) 3,328 feet
- (D) 984 feet
- (E) 331 feet

SRB
92-93

SRB
228-227

3 a. $600,000 + 5,000 + 700 + 8$ is the expanded form for what number?

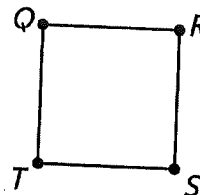
_____ , _____

b. $3,000,000 + 200,000 + 6,000 + 40 + 7$ is the expanded form for what number?

_____ , _____

SRB
80

4 Name as many line segments as you can in the figure below.



SRB
228-227

5 **Writing/Reasoning** Describe how you could use U.S. traditional addition to solve Problem 1.

SRB
92-93

Math Boxes

Preview for Unit 2

Lesson 1-14

DATE

TIME

Math Boxes

1 Make 2 different arrays for 6.

SRB
53

2 Multiply mentally.

a. $8 * 1 =$ _____

b. _____ $= 9 * 0$

c. _____ $= 5 * 6$

d. $5 * 50 =$ _____

e. $7 * 10 =$ _____

3 Fill in the missing numbers.

a. 16, 20, 24, _____,
_____, _____

Rule: _____

b. 15, _____, 21, _____,
27, _____

Rule: _____

c. _____, _____, 30,
_____, _____, 60

Rule: _____

4 The height of Angel Falls, the tallest waterfall, is 240 meters more than Yosemite Falls in California. Tugela Falls, the second highest waterfall, is 31 meters shorter than Angel Falls. If Yosemite Falls is 739 meters high, how high is Tugela Falls?

A. 979 meters

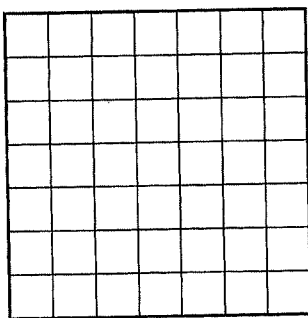
B. 948 meters

C. 1,010 meters

D. 468 meters

SRB
47.83

5 Shade tiles in the grid to make an array for 6×6 . How many tiles did you shade?



SRB
202-204

6 On average, a painter can cover about 300 square feet with 1 gallon of paint. If the painter has 6 gallons of paint in his van and 5 gallons in his store, about how many square feet can he cover?

Estimate: _____ square feet

Answer: _____ square feet

SRB
83