Math Boxes

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 **5**60?

500

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

a. 475 _____

b. **7**,058 _____

c. 9,9**4**7 _____

d. 68,0**7**1 _____

SRB
78-79

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.

_____

_____

_____

SRB
85-87

Math Boxes

3

Math Boxes

1   Subtract mentally.

   a. $7 - 4 =$ _____

   b. $70 - 40 =$ _____

   c. $14 - 5 =$ _____

   d. $140 - 50 =$ _____

   e. _____ $= 16 - 7$

   f. _____ $= 160 - 70$

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.

   _____

SRB
78-79

3   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

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. $\begin{array}{r} 4\ 3\ 2 \\ +\ 7\ 3\ 5 \\ \hline \end{array}$ **b.** $\begin{array}{r} 9\ 3\ 8 \\ +\ 3\ 6\ 6 \\ \hline \end{array}$

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

   _____

   What is the value of the 4?

   _____

SRB
80

Math Boxes

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. 7,584 _____

b. 38,067 _____

c. 49,841 _____

d. 820,731 _____

e. 391,468 _____

SRB
78-79

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.

_____

_____

_____

SRB
78-79

Math Boxes

Math Boxes

1 Subtract mentally.

a. $15 - 7 =$ _____

b. $150 - 70 =$ _____

c. $13 - 8 =$ _____
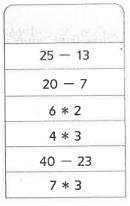
d. $130 - 80 =$ _____

e. $18 - 9 =$ _____

f. $180 - 90 =$ _____

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.

Ⓐ 83,003

Ⓑ 83,030

Ⓒ 83,300

Ⓓ 80,033

SRB
78-79

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

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

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

5 Add.

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

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

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

_____

_____

_____

_____

_____

SRB
79

10

Math Boxes

Math Boxes

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

12

Math Boxes

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.   6 6 4   b.   4 2 4
       − 3 9 2   − 2 9 6

   SRB
   94-101

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

Math Boxes

15