# Math Boxes

Lesson 3-1

DATE TIME

Math Boxes

**1** Write each number using digits.

**a.** Three thousand, six _____

**b.** Ten thousand, fourteen _____

**c.** Seven hundred fourteen thousand, three hundred two _____

**d.** One million, seventy-six thousand, ninety _____

SRB 78-79

**2** Round each number to the nearest 1,000.

**a.** 825 _____

**b.** 72,804 _____

**c.** 321,549 _____

**d.** 204,341 _____

**e.** 6,000,487 _____

SRB 85-87

**3** Which two statements represent the equation $16 * 2 = 32$?

- ☐ 32 is 16 times as many as 2.
- ☐ 16 is 2 times as many as 32.
- ☐ 32 is 16 more than 2.
- ☐ 32 is 2 times as many as 16.

SRB 56-57

**4** Fill in the blanks.

**a.** 5 feet = _____ inches

**b.** 8 feet = _____ inches

**c.** 3 feet 3 inches = _____ inches

**d.** 12 yards = _____ feet

**e.** 6 yards 2 feet = _____ feet

**f.** 9 hours = _____ minutes

**g.** 4 minutes = _____ seconds

SRB 186-187, 198

**5** Solve using U.S. traditional addition or subtraction.

**a.**
$$\begin{array}{r} 5,967 \\ +\ 7,628 \\ \hline \end{array}$$

**b.**
$$\begin{array}{r} 6,545 \\ -\ 4,659 \\ \hline \end{array}$$

SRB 92-93, 100-101

**6** Which groups below contain all prime numbers? Fill in the circle next to ALL that apply.

- ○ **A.** 4, 56
- ○ **B.** 13, 89
- ○ **C.** 37, 53
- ◉ **D.** 42, 61

SRB 54

# Math Boxes

Lesson 3-2

DATE TIME

Math Boxes

**1** Naomi has 8 dollars. Her sister has 9 times that amount. How much money does her sister have?

Number model with unknown:

_____

Answer: $_____

SRB 56-57

**2** I am a multiple of 3, 6, and 9. What number am I? Fill in the circle next to the best answer.

- ○ **A.** 45
- ○ **B.** 63
- ○ **C.** 52
- ○ **D.** 36

SRB 55

**3** Complete the table.

| Minutes | Seconds |
|---|---|
| 10 | |
| 14 | |
| 21 | |
| 30 | |
| | 2,400 |

SRB 198

**4** Write *T* for True or *F* for False.

**a.** Right triangles can have 2 right angles. ____

**b.** Right triangles can have 2 acute angles. ____

**c.** Right triangles can have 2 obtuse angles. ____

**d.** Right triangles have a 90° angle. ____

SRB 233

**5** **Writing/Reasoning** When Sharita solved Problem 1, she wrote the following number model: $8 + 9 = d$. Explain why you agree or disagree with the way she solved the problem.

_____

_____

_____

_____

SRB 56-57

# Math Boxes

Lesson 3-3

DATE TIME

Math Boxes

**1** Write each number using words.

**a.** 670 _____

_____

**b.** 3,590 _____

_____

**c.** 103,004 _____

_____

SRB 78-79

**2** What place is each number rounded to?

**a.** 5,689 to 5,690:

Nearest 10

**b.** 7,623 to 8,000:

Nearest _____

**c.** 19,487 to 20,000:

Nearest _____

**d.** 25,582 to 25,600:

Nearest _____

SRB 85-87

**3** Write a multiplicative comparison number story for the following number sentence.

$6 * 9 = 54$

_____

_____

_____

SRB 56-57

**4** Fill in the blanks.

**a.** 9 yd = _____ ft

**b.** 10 yd 1 ft = _____ ft

**c.** 4 feet 7 inches = _____ in.

**d.** 6 hr = _____ min

**e.** 8 hr = _____ min

**f.** 2 hr 30 min = _____ min

SRB 186-187, 198

**5** Solve using U.S traditional addition or subtraction.

**a.**
$$\begin{array}{r} 1,659 \\ +\ \ 499 \\ \hline \end{array}$$

**b.**
$$\begin{array}{r} 7,951 \\ -\ 3,561 \\ \hline \end{array}$$

SRB 92-93, 100-101

**6** Write *prime* or *composite* in the blanks.

**a.** A _____ number has exactly 2 different factors.

**b.** Both 51 and 63 are _____ numbers.

**c.** Both 23 and 67 are _____ numbers.

**d.** A _____ number has more than 2 factors.

SRB 54

# Math Boxes

Lesson 3-4

DATE TIME

Math Boxes

**1** A rectangular fish tank holds 12 fish. A round fish bowl holds 3 fish. How many times as many fish does the rectangular tank hold as the round bowl?

Equation with unknown:

_____

Answer: _____ times as many fish

SRB 56-57

**2** Use what you know about multiples to solve the riddles.

**a.** I am the smallest multiple of 5, 6, and 10. What number am I?

_____

**b.** I am the smallest multiple of 4, 8, and 16. What number am I?

_____

SRB 55

**3** Complete the table.

| Hour(s) | Minutes |
|---|---|
| 1 | |
| 5 | |
| 6 | |
| | 480 |
| 2 hours 5 minutes | |

SRB 198

**4** Draw 2 different right triangles. Circle the right angles.

SRB 233

**5** **Writing/Reasoning** How do you know the triangles you drew for Problem 4 are right triangles even though they are not the same?

_____

_____

_____

_____

_____

SRB 233

Lesson 3-5

DATE TIME



**1** Identify equivalent fractions. Use fraction circles, if needed.

**a.** Write 2 equivalent fractions for $\frac{1}{3}$.

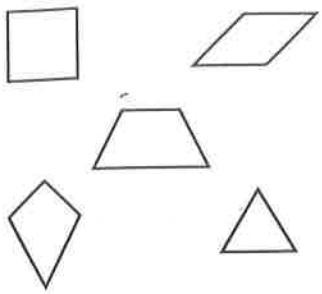
_____

**b.** Write 2 equivalent fractions for $\frac{1}{4}$.

_____

SRB 137

**2** Circle the shapes that have at least one pair of parallel sides.



SRB 230, 235

**3** Taye has a box of 1,000 nails to build his deck. He used 217 nails on the first day, 423 nails on day 2, and 248 nails on day 3. How many nails are left in the box?

Estimate:

_____

Answer: _____ nails

Number model with answer:

_____

SRB 47, 82-89

**4** Use this example to write the numbers in expanded form.

782 = 7 [100s] + 8 [10s] + 2 [1s]

**a.** 3,269 = _____

_____

**b.** 9,742 = _____

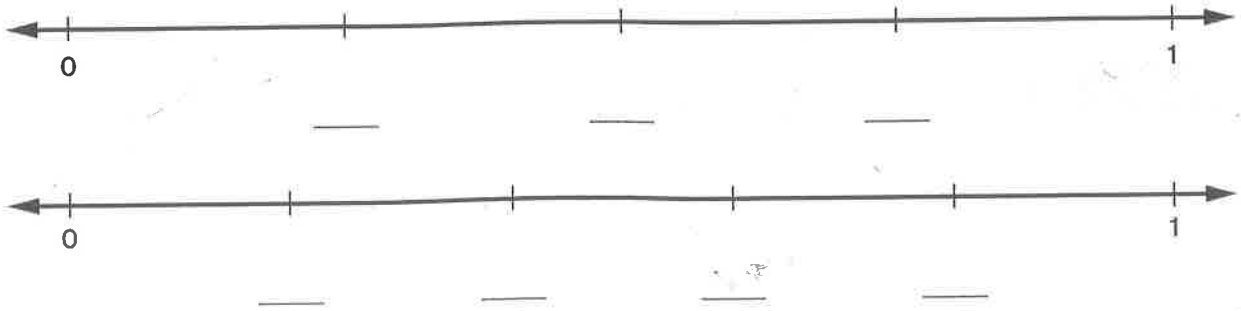
_____

**c.** 206,900 = _____

_____

SRB 80

**5** Fill in the fractions on the number lines.




SRB 133

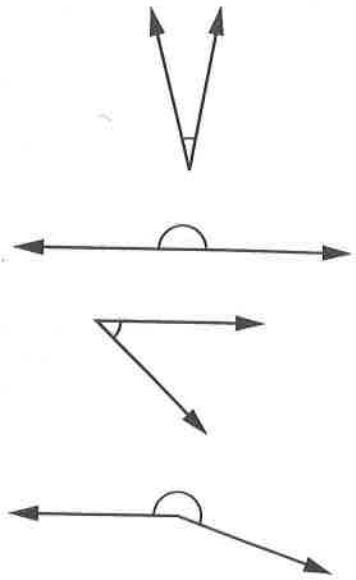
# Math Boxes

Lesson 3-6

DATE TIME

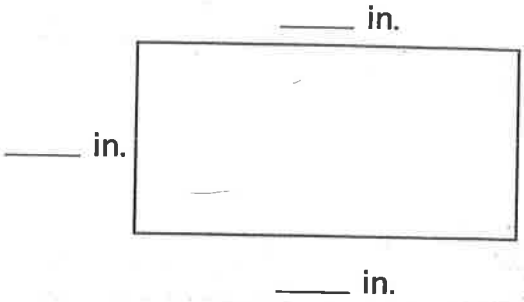


**1** Circle the acute angles.



SRB 229

**2** **a.** Measure and record the length of each side of the rectangle.




**b.** What is the length of the boundary around the rectangle called? Circle one.

perimeter area

**c.** What is the length of the boundary around the rectangle?

_____ inches

SRB 200

**3** What is the value of the 9 in the number 790,326?

Fill in the circle next to the best answer.

Ⓐ 9 [100s]

Ⓑ 9 [10,000s]

Ⓒ 9 [100,000s]

Ⓓ 9 [1,000s]

SRB 78-79

**4** Zoe plans to feed her dog Jax less than 1,300 calories a day. She fed her 272 calories for breakfast, 190 calories for lunch, and 625 calories for supper. How many 100-calorie dog biscuits can she give her dog for dessert?

Answer: _____ biscuits

SRB 26, 83

**5** **Writing/Reasoning** Write a formula you could use to find the perimeter in Problem 2. Explain how you could find the perimeter this way.

SRB 200