

Write the correct answer.

- 1 Write the remaining number sentences for the fact family that includes this number sentence.

$$7 \times 16 = 112$$

16 × 7 = 112;

112 ÷ 7 = 16;

112 ÷ 16 = 7

For 2–3, use this multiplication puzzle.

×	80	7	87
20	1,600	140	1,740
3	240	21	261
23	A	161	B

- 2 What is the value of A?

A = 1,840

- 3 Write the multiplication sentence that is represented by the puzzle. Use the form $\blacksquare \times \blacksquare = \blacksquare$.

87 × 23 = 2,001;

23 × 87 = 2,001

- 4 Write a number sentence that can be used to complete the empty column in the table.

×	1	2	3	4		6
19	19	38	57	76		114

Possible answers:

5 × 19 = 95;

(1 × 19) + (4 × 19) = 95;

(6 × 19) – (1 × 19) = 95

For 5–6, use the pattern to find the missing product.

- 5 $90 \times 4 = 360$
 $90 \times 40 = 3,600$
 $900 \times 4 = 3,600$

$900 \times 40 = \blacksquare$

36,000

- 6 $7 \times 80 = 560$
 $7 \times 800 = 5,600$
 $70 \times 80 = 5,600$

$70 \times 800 = \blacksquare$

56,000

- 7 Write an expression to show a way to find the product 23×25 .

Possible answer:

$$(24 \times 24) - 1$$

- 8 Write an expression to show a way to find the product.

$$48 \times 52 = \blacksquare$$

$$(50 \times 50) - 4$$

- 9 Write the set of numbers in order from least to greatest.

7,395,099 7,399,091 7,390,995

7,390,995; 7,395,099;

7,399,091

- 10 Write a number that would be greater than the lesser number and less than the greater number.

9,099,108 ● 9,101,011

Possible answer:

any number in the range

9,099,109–9,101,010

- 11 64×77

Estimate: **Estimates will vary.**

$$\underline{60} \times \underline{80} = \underline{4,800}$$

- 12 Matthew needs to take enough money to the store to buy juice bottles for his ice hockey team. The team has 12 players and each juice bottle cost 49¢. Estimate how much money Matthew needs to take to the store to buy juice bottles.

Possible answer: \$5.00

- 13 On Wednesday, Sam counted 136 days until his next birthday. Write a sentence about Sam's birthday that is true.

Answers will vary: Possible

answer: Sam's birthday will

be on Saturday.