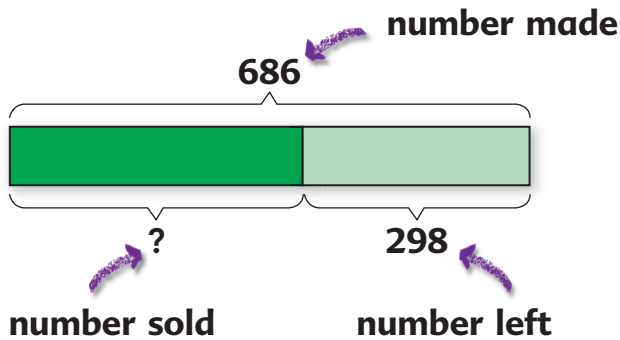# 4 Word Problems

Mary made 686 paper flowers. She sold some of them. If 298 were left over, how many flowers did she sell?

686 ← **number made**

? **298**

number sold **number left**

To find the shaded part, we subtract the other part from the whole.

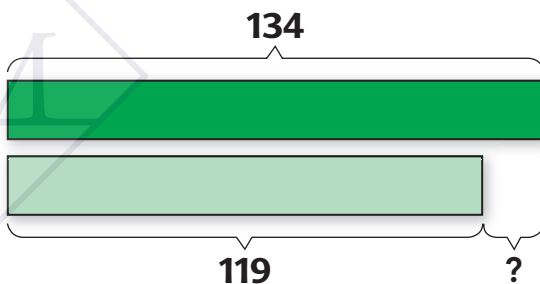$686 - 298 =$ ☐

She sold ☐ flowers.

134 girls and 119 boys took part in an art competition. How many more girls than boys were there?

$134 - 119 =$ ☐

134

119 **?**

There were ☐ more girls than boys.

13. There were 24 chairs.
18 of them were in 3 rows of 6.
Mr. Gonzales placed the rest of the chairs in another row of 6.

(a) What symbol will make the following true?

4 ⬤ 6 = 24

18 ⬤ 6 = 24

> The total is 24. The symbol has to be + or ×.

(b) What symbol will make the following true?

24 ⬤ 6 = 4

24 ⬤ 6 = 18

> The total is 24. The symbol has to be − or ÷.

14. Write **+**, **−**, **×**, or **÷** in place of each ⬤.

(a) 4 ⬤ 4 = 16

(b) 4 ⬤ 4 = 8

(c) 12 ⬤ 4 = 8

(d) 12 ⬤ 3 = 4

(e) 13 ⬤ 7 = 2 × 3

(f) 6 × 4 = 8 ⬤ 3

15. Write **>**, **<**, or **=** in place of each ⬤.

(a) 3 × 4 ⬤ 4 × 3

(b) 2 × 6 ⬤ 6 × 3

(c) 35 ÷ 5 ⬤ 40 ÷ 4

(d) 5 × 8 ⬤ 35 + 5

(e) 3 × 6 ⬤ 2 × 9

(f) 24 ÷ 3 ⬤ 3 × 4

Exercise 4, pages 76-78

8. Divide 8492 by 6.
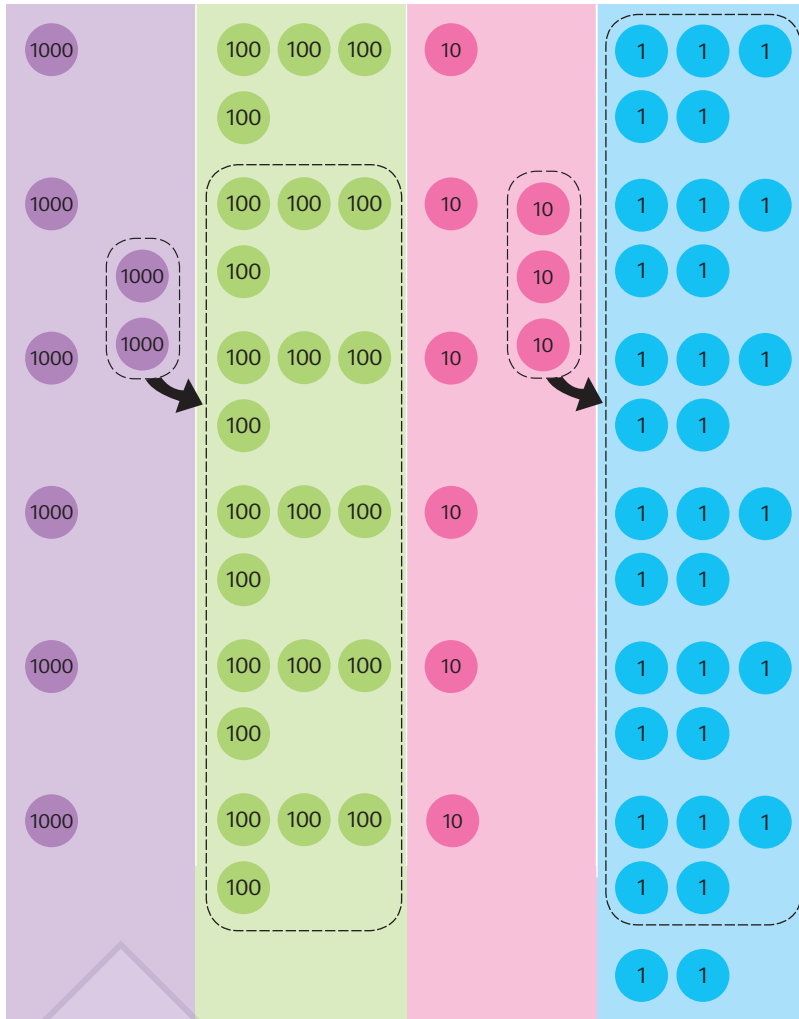
$$6\overline{)8492}$$

Divide the thousands by 6.

```
      1
6 ) 8 4 9 2
    6
    2
```

Divide the hundreds by 6.

```
      1 4
6 ) 8 4 9 2
    6
    2 4
    2 4
        0
```

Divide the tens by 6.

```
      1 4 1
6 ) 8 4 9 2
    6
    2 4
    2 4
        0 9
          6
          3
```

Divide the ones by 6.

```
      1 4 1 5
6 ) 8 4 9 2
    6
    2 4
    2 4
        0 9
          6
          3 2
          3 0
            2
```

9. Find the quotient and remainder for each of the following:
   (a)   96 ÷ 6   (b)   89 ÷ 6   (c)   75 ÷ 6
   (d)   342 ÷ 6   (e)   708 ÷ 6   (f)   615 ÷ 6
   (g) 9804 ÷ 6   (h) 4632 ÷ 6   (i) 1098 ÷ 6

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