Name _____ Date _____

Lesson 1 Reteach

Factors and Multiples

Find the factor pairs for 18.

Think of multiplication equations that result in a product of 18.

$1 \times 18 = 18$ 1 and 18 are a factor pair of 18. ← 1 and the number itself are factor pairs for any number.

$2 \times 9 = 18$ 2 and 9 are a factor pair of 18.

$3 \times 6 = 18$ 3 and 6 are a factor pair of 18.

So, the factor pairs for 18 are 1 and 18, 2 and 9, and 3 and 6.

Determine whether 104 is a multiple of 8.

One way: divide 104 by 8

```
   13
8) 104
  −8
   24
  −24
    0
```

← 104 can be divided evenly by 8, with no remainder. So, 104 is a multiple of 8.

Another way: skip count by 8

8, 16, 24, 32, 40, 48, 56, 64, 72, 80, 88, 96, 104 ← You can count by 8 to get to 104, so 104 is a multiple of 8.

Find the factor pairs for each number.

1. 9

_____ and _____

_____ and _____

2. 28

_____ and _____

_____ and _____

_____ and _____

3. 31

_____ and _____

For exercises 4–11, write *yes* or *no*.

4. Is 32 a multiple of 6? _____

5. Is 81 a multiple of 9? _____

6. Is 98 a multiple of 7? _____

7. Is 24 a multiple of 7? _____

8. Is 70 a multiple of 5? _____

9. Is 37 a multiple of 6? _____

10. Is 64 a multiple of 9? _____

11. Is 45 a multiple of 9? _____