

Extending Tables

A table is an organized way to show a pattern.

Weeks	Days
1	7
3	21
5	35
6	42
8	?

Each pair of values follows some rule. If you can find a rule that works for all the pairs, you can extend the table.

What is the missing number in this table?

Step 1

Find a rule for the pattern.

The first 4 weeks are shown.

You can divide to find the pattern.

$$42 \div 6 = 7$$

$$35 \div 5 = 7$$

$$21 \div 3 = 7$$

$$7 \div 1 = 7$$

There are 7 days in one week.

Step 2

Use your rule to find the missing number.

Multiply the days in 1 week by the number of weeks.

$$8 \times 7 = 56$$

The missing number is 56.

Complete each table.

1.

Cars	Wheels
1	4
2	8
3	
4	16
8	32

2.

Old Price	New Price
\$63	\$53
\$48	\$38
	\$31
\$37	\$27
\$26	\$16

3.

Weight of Salad in Ounces	6	10	14	18
Total Weight of Container in Ounces	9	13	17	