

2-1

Practice: Skills

Frequency Tables

Make a frequency table for each set of data.

1. **Class Quiz Scores**

4	10	8
6	9	9
8	7	7
7	5	8
8	8	10
9	6	8

2. **Students' Eye Colors**

R	G	R	L	H
L	L	V	G	R
R	R	L	R	R
R	H	L	R	H
H	R	R	G	R

L = Blue R = Brown
 G = Green H = Hazel
 V = Violet

MOVIES Use the frequency table shown.

- Describe the scale.
- Describe the interval.
- What is the most common gross sales category?
- How many films grossed more than \$299 million?

Gross Sales (millions \$)	Tally	Frequency
100-149		14
150-199		5
200-249		2
250-299		4
300-349		2

**2-1****Practice: Word Problems****Frequency Tables**

ANIMALS For Exercises 1–3, use Table A. For Exercises 4–6, use Table B.

Table A

Insects Under a Rock					
E	S	B	E	E	B
S	E	E	B	S	E
S	S	B	E	E	S
B	E	E	E	B	E
S	E	B	S	E	E
B	S	E	E	S	E

B = beetle E = earwig
S = sow bug

Table B

Weights (lb) of Dogs at the Vet Clinic		
Weight	Tally	Frequency
1–10		14
11–20		19
21–30		25
31–40		10
41–50		5

1. Maria is counting three types of insects she finds under rocks in the park for an ecology survey. Make a frequency table showing her data from Table A.

2. How many more earwigs did Maria find than beetles?

3. When Maria writes her report, she will list the insects in order of most common to least common. What order should she write in her report?

4. The strength of medicine given to a dog depends on the dog's weight. There is a different strength for each weight group. For which weight group should a veterinarian order the most medicine? the least medicine?

5. Describe the scale and the interval in Table B.

6. How many more dogs are in the most frequent group than in the second most frequent group?