

Fractions on a Number Line

TAKS Objectives 1, 3
TEKS 4.2C, 4.10

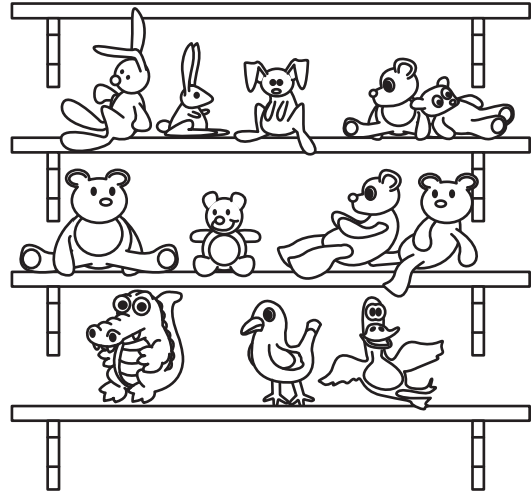
Brody collects stuffed animals. He has them displayed on shelves. Use the picture of his collection for Problems 1–4. Write a fraction and then model each fraction on a number line.

1. What fraction of Brody’s stuffed animals are bears?

2. What fraction of Brody’s stuffed animals are NOT rabbits?

3. What fraction of Brody’s stuffed animals are alligators or birds?

4. What fraction of the shelves are being used to display Brody’s collection?



5. Anne has two display cases for her teddy bear collection. Both cases are the same size. Case A is evenly divided into 6 compartments and Case B is evenly divided into 8 compartments. Are the compartments in Case B larger or smaller than the compartments in Case A? Explain.

6. James has 3 shelves to display his baseball collection. Shelf 1 contains $\frac{2}{8}$ of his collection. Shelf 2 contains $\frac{3}{8}$ of his baseballs. What fraction of his collection does Shelf 3 hold? If his collection is 16 baseballs how many are on each shelf?

