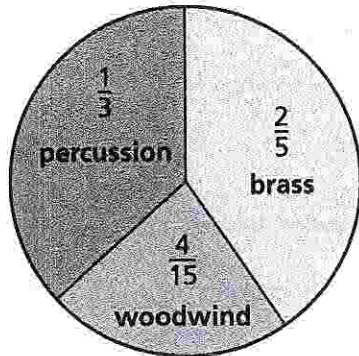


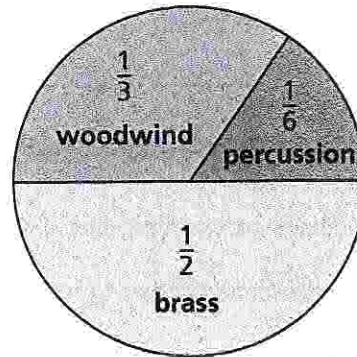
Homework

These graphs show the instruments in two different high school marching bands.

Carter School Marching Band



Reagan School Marching Band



Solve. Use the circle graphs.

Show your work.

- The Reagan School Marching Band has three percussion musicians. How many musicians altogether are in the band?

- There are 30 musicians in the Carter School Marching Band. How many of them play brass instruments?

Suppose both bands decide to combine and perform as one band.

- What fraction of the band members will play a brass instrument?

- What fraction of the band members will play a percussion instrument?

- What fraction of the band members will play a woodwind instrument?

Remembering

Solve. Explain how you know your answer is reasonable.

Show your work.

1. James's garden has a length of $12\frac{1}{4}$ feet and a width of $9\frac{2}{3}$ feet. What length of fencing will he need to surround his garden?

Answer: _____

Why is the answer reasonable?

Solve.

2. $\frac{1}{11} \div 3 =$ _____

3. $6 \div \frac{1}{3} =$ _____

4. $\frac{2}{3} \cdot \frac{5}{7} =$ _____

5. $\frac{1}{12} \div 5 =$ _____

6. $7 \cdot \frac{1}{8} =$ _____

7. $\frac{1}{5} \cdot 12 =$ _____

Solve.

Show your work.

8. Kayla packs 4 boxes that weigh $\frac{1}{6}$ pound altogether. What does each box weigh?

9. Mrs. Blackwell put $4\frac{2}{3}$ grams on the scale during a lab in science class. Then, she added $2\frac{5}{6}$ grams to the scale. How many grams are on the scale in all?

10. **Stretch Your Thinking** If you start with 1 and repeatedly multiply by $\frac{1}{2}$, will you reach 0? Explain why or why not.
