Real-World Fractions

Tiger *by Bud Blake*

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1. How would you rate Hugo's success with his fraction lesson? What part of the lesson did he *not* learn? Explain your thinking.

2. Write one-tenth as a fraction, a decimal, and a percent.

3. If Hugo had answered one-tenth of the questions on a forty-problem test correctly, how many problems would he have gotten correct? How many would he have missed? How do you know?

4. How would you explain to a third grader who is just starting to learn about fractions that 1/10 is smaller than 1/5 even though 10 is larger than 5? Can you use a real-world object to explain it?

5. **Challenge:** How do you spend your day? Estimate your activities for one typical Wednesday—sleeping, eating, attending school, studying, playing, watching television. Form fractions that express the amount of time you spend in each activity during the day. Convert the fractions to percents. On the back of this sheet, construct a circle graph to illustrate your results.