Animal at the Zoo

Name _____

An animal at the zoo eats _____ pounds of food each day. How many days will it take this animal to eat _____ pounds of food?

(10, 78)   (10, 374) $(\frac{1}{10}, 6)$ $(\frac{1}{10}, 56)$ $(\frac{1}{10}, 45\frac{1}{10})$ $(\frac{1}{10}, 245\frac{62}{100})$

Justify your solution using numbers, pictures, and/or words.

Extending Children's Mathematics: Fractions and Decimals – Empson and Levi – Page 154

Animal at the Zoo - Teacher Notes

- What standard does this lesson address?

  4.NF.C.5 Express a *fraction* with *denominator* 10 as an equivalent *fraction* with denominator 100, and use this technique to add two *fractions* with respective *denominators* 10 and 100. *For example:* Express 3/10 as 30/100, and add 3/10 + 4/100 = 34/100. *Note: 4.NF.C.5 Students who can generate equivalent fractions can develop strategies for adding fractions with unlike denominators in general. However, addition and subtraction with unlike denominators in general is not a requirement at this grade.*

- See page 154 for an explanation of why this teacher chose these numbers and how she grouped her student work to make instructional decisions