Chapter 4 Quiz Practice

Find each product. Write your answer in simplest form. Show your work.

2.
$$\frac{3}{4} \times 1\frac{2}{7}$$

$$\frac{3}{4} \times \frac{9}{7} = \frac{3}{28} \times \frac{27}{28}$$

3.
$$3\frac{5}{6} \times 1\frac{3}{4}$$

$$\frac{23}{6} \times \frac{7}{4} = \frac{66}{24} \left(\frac{17}{24} \right)$$

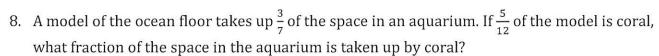
4.
$$2\frac{6}{7} \times 3\frac{1}{4}$$

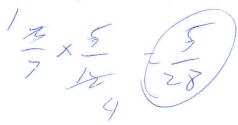
$$\frac{20}{7} \times \frac{73}{4} = \frac{260}{28} = 9\frac{8}{28} = 9\frac{9}{19} = 9\frac{27}{3}$$

$$5.\frac{7}{8} \times \frac{3}{4} = 6$$

6.
$$\frac{3}{4} \times 8^{7} = 6 = 6$$

7. There are 21 muffins in a bakery. If $\frac{6}{7}$ of the muffins are blueberry, how many muffins are blueberry? $\frac{7}{2} \times \frac{6}{7} = \frac{7}{7} \times$



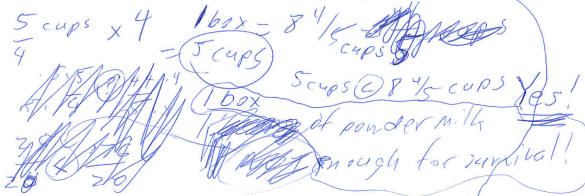


9. Use the table for this exercise.

The table shows Keith's food options for a 7-day outdoor survival course.

Food Options for 7-Day	Outdoor Survival Course
Peanut butter	1 plastic jar = $4\frac{3}{5}$ cups
Dried noodles/rice	$14\frac{2}{3}$ cups
Dried fruit/nuts	$6\frac{1}{6}$ cups
Concentrated juice boxes	$8 \text{ boxes} = 16\frac{1}{4} \text{ cups}$
Beef jerky	$3\frac{1}{3}$ cups
Powdered milk	$1 \text{ box} = 8\frac{4}{5} \text{ cups}$
Dehydrated soup	5 packages = $15\frac{2}{3}$ cups
Canned tuna/meat	$4 \text{ cans} = 5\frac{3}{5} \text{ cups}$

a. Keith plans on eating $1\frac{1}{4}$ cups of powdered milk per day for four days. How much powdered milk does he need? Is 1 box enough? Explain your answer.



b. Keith would like to bring enough dehydrated soup in order to have $1\frac{1}{5}$ cups available per day. How much juice does he need and is 5 packages of dehydrated soup enough?

5 packages of delightrated soup is enough.