Chapter 10 & 11 review

Have it ready by 2/12 in class and receive a 5 point bonus

Place an X in the table to show if each equation is true or false.

	True	False
$5 \div \dfrac{1}{4} = \dfrac{1}{20}$		
$\dfrac{1}{3} \div 8 = \dfrac{1}{24}$		
$\dfrac{1}{8} \div 5 = 40$		
$4 \div \dfrac{1}{7} = 28$		

A group of 4 bears share 3 prickly pears equally.
How much of a prickly pear does each bear receive?

Ⓐ $\frac{4}{3}$

Ⓑ $\frac{3}{4}$

Ⓒ $\frac{1}{12}$

Ⓓ $\frac{7}{12}$

Billy, Jimmy, and Suzie bought $\frac{1}{2}$

pound of raspberries. They share the raspberries equally. How much of the raspberries does each person receive?

Each person receives _____ pound
of raspberries.

A 6-mile walking trail has a distance marker every $\frac{1}{3}$ mile. How many markers are along the trail?

There are _____ markers along
the trail.

Students in a classroom collect

$2\frac{3}{4}$ bags of canned goods during the first week of a food drive. Next week, the students' goal is to

collect $1\frac{3}{4}$

times as many bags of canned goods as week 1. How many bags of canned goods do the students hope to collect next week?
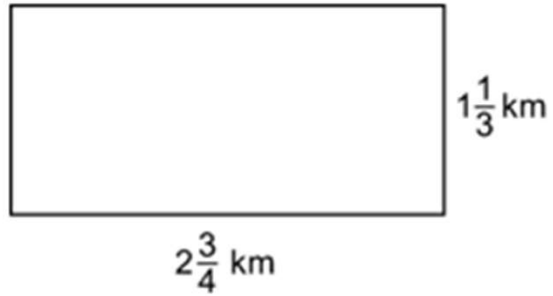
Suzie picked 7 pounds of strawberries. She wants to share the strawberries equally among 3 of her neighbors.

How many pounds of the strawberries will each neighbor receive?

Select all the correct answers.

Ⓐ $\frac{7}{3}$ pounds   Ⓓ $2\frac{1}{3}$ pounds

Ⓑ $\frac{22}{3}$ pounds   Ⓔ $3\frac{1}{7}$ pounds

Ⓒ $\frac{22}{7}$ pounds   Ⓕ $7\frac{1}{3}$ pounds

Billy's field has the dimensions shown. He needs to find the area of the field to know how much seed to buy. What is the area of the field?

$1\frac{1}{3}$ km

$2\frac{3}{4}$ km

area of the field =

_____ square kilometers

It took Suzie $\frac{5}{6}$ hour to write a report for English class. It took Jimmy $\frac{9}{10}$ as much time to write her report as it took Suzie.

Place an X in the table to show the answer

	Yes	No
Did Suzie and Jimmy take the same amount of time to write their reports?		

How long did it take ~~Jimmy~~ to write ~~his~~ report? _____ hr.   (Solve and place your answer on the line.)

Billy's Math teacher conducted a survey and found that $\frac{2}{5}$ of his students play a team sport and $\frac{1}{4}$ of those students play basketball. What fraction of his students play basketball?

_____ of his students

The length and width of a rectangular rug is $5\frac{1}{2}$ feet and $8\frac{1}{2}$ feet. What is the area of the rug?

Simplify your answer... _____ square feet