Name:_____

Unit 7 study guide

Multiply

$4 \times 3\frac{1}{3} =$ _____

Write a number story that can be modeled by this problem. _____

_____

$5\frac{1}{4} \times 6\frac{2}{5} =$ _____

Find the area of this bedroom.

Area = _____ m^2

$4\frac{3}{4}$ m

$2\frac{1}{3}$ m

Divide.

$5 \div \frac{1}{3} =$ _____

$\frac{1}{5} \div 6 =$ _____

Check: _____

Check: _____

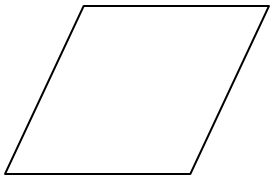
List as many names for this figure as you can.

_____

_____

_____

List as many names for this figure as you can.



_____

_____

_____

Can this shape be named a Parallelogram? Why or why not? _____

_____

_____

Can it be named a Rhombus? Why or why not? _____

_____

_____

Susie made 4 apple pies. If one serving of pie is considered $\frac{1}{6}$ of the pie, how many servings does Susie have?

Number model: _____

Answer: _____ servings

This data shows how many hours of TV Joe's friends watched last night.

¼ hour	2 ½ hours	½ hour	¼ hour	2 hours	1 ½ hours	1 ½ hours	½ hour
1 hour	1 ½ hours	½ hour	¼ hour	2 ½ hours	2 hours	3 hours	2 ¾ hour

Create a line plot:

_____

What is the difference between the longest amount of time and the shortest amount of time his friends spend watching TV? _____ hours

How many friends spent an hour or less watching TV? _____ friends

How much time did those students spend watching TV combined? _____ hours

Use the given rules to fill in the columns of the table.

In (x) Rule: + 4	Out (y) Rule + 1
0	0

What is the rule that describes the relationship between the in and out numbers?

Rule: _____

Write the numbers in the table as ordered pairs. Then plot the points on the grid below. Connect the points with a line.

Ordered Pairs:

_____

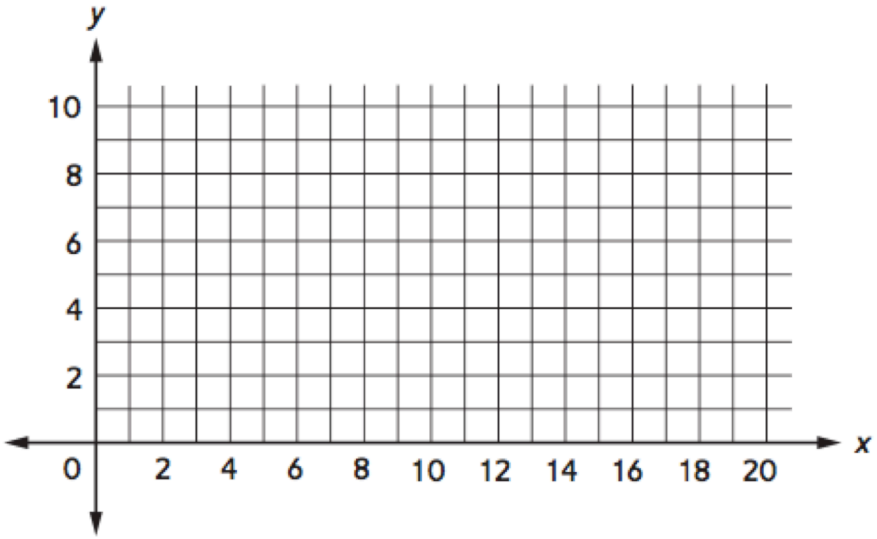
_____

_____

_____

_____

_____



This graph models this situation:

Alex saves $\frac{1}{4}$ of the money he earns walking the dog. If he earns $12, how much money did he save?

_____

If Alex earned $18, about how much money has he saved?

_____