

Measurement

Scorer	CU	PS	V	C	Acc

Name _____

Date _____

Teacher _____

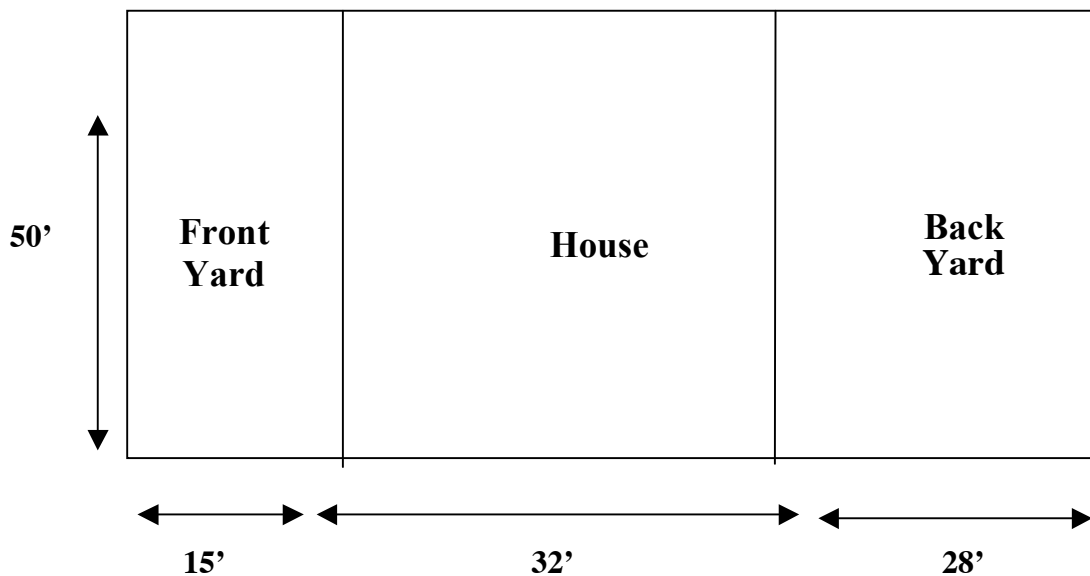
Exceeds Meets Does Not Yet Meet On-Demand Revised/Redone Modified

Comments: _____

(Measurement)

Jordin's Yard

Jordin needs to plant grass seed in her yard. How many bags of grass seed will she need to buy to have enough to plant her front and back yard? One bag will seed 750 square feet of ground to make a luscious lawn!



Explain your answer(s) and your thinking.

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Hungry Ant

A very hungry ant ate its way around the perimeter of a rectangular chocolate cake that had an area of 72 sq. inches. How many inches did the ant travel while he ate? Give all the possible answers and explain your thinking.

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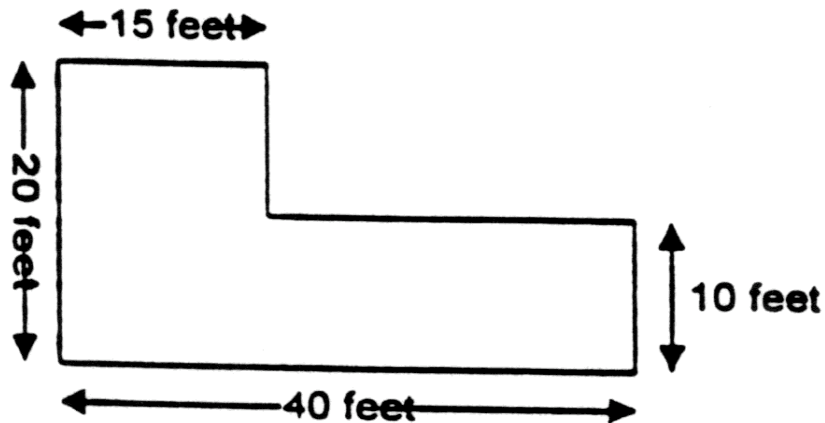
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Emily's Remodeling Project

Emily is planning to tile the floor of his L-shaped room. The tiles she wants to use measure 12 inches by 12 inches and are only sold in boxes of 40 tiles. If each box costs \$30, show how much Emily should expect to spend on tiles.



Explain your answer(s) and your thinking.

5M03

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Breaking Barney's Big Bill

Barney is going shopping for several items he needs at Victor's Variety Store. Barney puts in his basket the following items:

A wrist watch for \$19.95

2 boxes of pencils @ \$0.99 per box

2 packages of notebook paper @ \$0.79 per package

A yo-yo @ \$5.99

Extra string for the yo-yo @ \$0.99

A package of socks for \$9.99

Shampoo for \$6.97

A backpack for \$22.50

When he gets to the cash register, Barney hands the clerk a \$100 bill. The clerk counts out the correct change for Barney and hands him two pieces of paper money and one coin. What was the value of each of these three?

Explain your thinking.

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Pay to Park

The Daniels family parked their car in the Pay to Park lot when they went to the fair.

Pay to Park Prices

First Hour	\$1.50
Each additional hour or part of an hour	\$0.75
Maximum cost per day	\$5.00

Show how much the Daniels had to pay if they parked from 10:05 a.m. until 2:40 p.m.

Explain your answer(s) and your thinking.

5M05

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The Dog Days of Summer

Warren’s mother handed him a sheet of paper. “Here is your summer chore schedule,” she said.

Warren moaned, “Oh, no! You mean I have to wash the car every sixth day, take out the trash every fourth day and clean up my room every twelfth day?”

If Warren continues with this schedule for the remaining 100 days of summer vacation, how many times will he have to do all three chores on the same day?

Explain your answer(s) and your thinking.

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In the Dog House

Brian's dog, Spot, is two feet tall, one foot wide and three feet when he is standing still. The laws in the town say that doghouses have to have six times as many cubic feet as the space occupied by the dog. Design a doghouse for Spot. Label and prove your doghouse meets the town's laws.

Explain your answer(s) and your thinking.

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Planning for a New Year

During a sleepover at Cassandra’s house, her mother told Cassandra and her friends, “When I ring this bell, it will be exactly one month, one week, one day, one hour, one minute and one second before the new year.” A moment later, she rang the bell. At precisely what time did Cassandra’s mom ring the bell? Explain your thinking.

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Painting the Room Yellow

Maria wants to paint two walls in family room with yellow paint. Each wall measures 25 feet in length and 8 feet in height. One wall has a door measuring 4 feet by 7 feet; it will not be painted. The other wall has a window measuring 4 feet by 8 feet. Each can of yellow paint will cover 120 square feet. How many cans of paint will she need to paint the walls?

5M09

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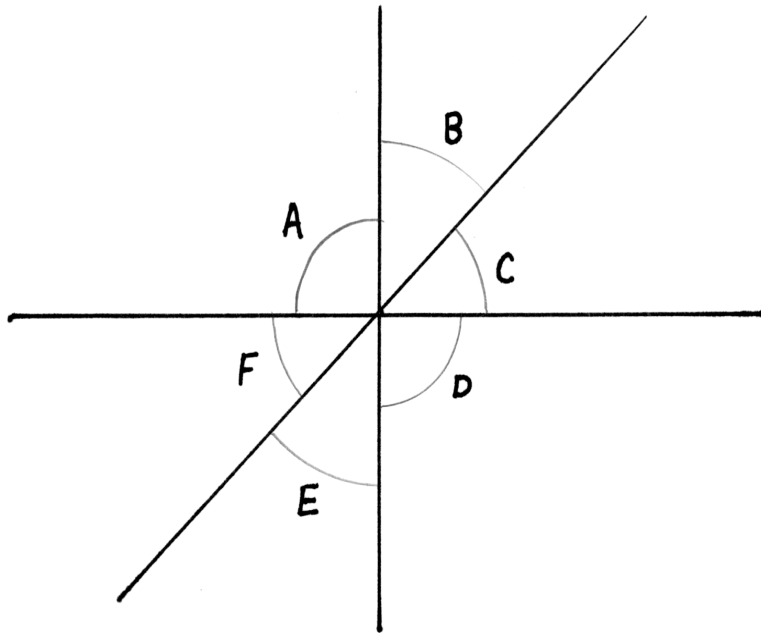
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Figuring All the Angles

Study the angles pictured below. If angle A measures 90° and angle C measures 45° , what would be the measure of angle E? How can you prove you're right?



5M10