Process Standards Rubric

Measurement

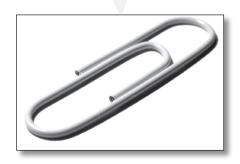
tations ams from pre-						Exercise		ise						Sheet 1	Sheet 2		-	Э ма
gh grade 12 should 1	7	S	4	۲	9	7	×	6	10	П	12	13 1	14 1	12 12			Bevie Bevie	
tical knowledge through	> >	<u> </u>		5	>	>	>	>	> >	>>	>>	<u>\</u>			,	,	•••	<u> </u>
other contexts; apply and adapt a variety of appropriate strateeties to solve problems:	5			>	>	>	>	>	>	>		>	~		>	<u>,</u>		<u>,</u>
monitor and reflect on the process of mathematical problem solving.			>		>				>		>		-	~				
and proof as fundamental		5			>	>	>		>	>	>		>			>	•	
aspects of maturemetrics, make and investigate mathematical conjectures;	5	~		1	> /		>>	>	>>	>	>	>	~		<u> </u>	<u> </u>	•	<u>,</u>
and prools; select and use various types of reasoning and methods of proof.	>	5				>	5	>	>	>	>	>	>	-	· ·		•	<u>,</u>
organize and consolidate their mathematical \checkmark	>		5						>	>	>	>	~		>	>	•	
communicate their mathematical thinking communicate their mathematical thinking coherently and clearly to peers, teachers, and		>	5	S	>				>	>	>	>	~					>
the mathematical thinking											>		>					
and strategies of others; use the language of mathematics to express mathematical ideas precisely.	>		>	5	5	5	>			.>	>	>	<u> </u>		, ,	>		>
recognize and use connections among 🖌	>	>	>	>	>	>		>	>			>	· 、		、	~	•	、
understand how mathematical ideas 🗸	>	>	>	>	>	>	S						<u> </u>		<u>,</u>	<u>,</u>	•	<u>,</u>
whole; mathematics in contexts ics.	>	>	>			>					5		<u> </u>		>	>		>
create and use representations to organize, record, and communicate mathematical ideas;							>	>				5			>	~		
select, apply, and translate among mathematical representations to solve problems;	>			>	>	>	>		>	>					,	,	,	、 、
use representations to model and interpret physical, social, and mathematical phenomena.	>						>		>				<u> </u>		>			

2

Task Sheet 1

2 Task Sheet

 Think about ways you measure length. Most times, you measure length with a ruler. Sometimes you measure length with other items. For this problem, you will need a quarter and small paper clips. Use these items to help you answer the questions below.



- a) Think about the desk you sit at in school. Suppose you had to measure the length of the desktop with quarter and paper clips.
- i) How many quarters do you think would fit across the length of your cask. Answer:
- ii) How many paper clips do you think would fit across the longit or your desk? Answer:
- b) Now, try it. Use your quarter. Then use your paper clip. Write the measurements below.
- i) How many quarters fit across the length of your desk?

Answer:

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ii) How many paper clips fit across the length of your desk?

Answer:

- c) Imagine you had to measure three desks. How would the measures change?
- i) How many quarters would you need to fit across three desks?

Answer:



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Drill Sheet 2

Drill Sheet

2) Look at the pictures. How much money is shown in each picture?

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		AV	
	ay to make be pannies, ni		
20 cents:			
37 cents:			
55 cents:			
63 cents:			
75 cents:			
90 cents:			

10

Ways To Make A Dollar

There are many different types of change you might find in your pocket. Now, think about how you can use TED STATESO such change to make \$1.00. Working alone or with a partner, come up with ways to make \$1.00 using coins. You can not use all of one type of coin to make it, but have to use at least two types of coins. How many ways to make a dollar can you come up with in ten minutes? Share your results on this chart in the class. Number of Coins you used to make \$1.00 coins used

Think about your results. How many ways did you find to make a dollar? Which way used the most coins? Which way used the least coins?

