

PROCESS

PRODUCT/INDICATORS

EVALUATION

(1)

number sense, numeration, metric measurement demonstrate ongoing problem solving strategies

Able to do standard, expanded, exponential, and scientific notation. Expresses knowledge of metric measurements. Uses four part process and patterns in strategies

Pre/Post test, mid chapter checkup

NM less than 60%
 PM 60% to 79%
 M 80% or greater

(2)

Additional and subtraction of whole numbers and decimals

Able to add and subtract whole numbers and decimals

Pre/Post test, mid chapter checkup

NM less than 60%
 PM 60% to 79%
 M 80% or greater

(3)

multiplication and division of whole numbers and decimals

able to multiply and divide whole numbers and decimals

Pre/Post test, mid chapter checkup

NM less than 60%
 PM 60% to 79%
 M 80% or greater

(4)

Writing and evaluating variables, expressions and equations

write, evaluate, and solve expressions and equations. Solve and graph inequalities

Pre/Post test, mid chapter checkup

NM less than 60%

PROCESS		PRODUCT/INDICATORS	EVALUATION
(5)	PM M	60% to 79% 80% or greater	
number theory and fraction concepts		able to determine prime numbers, and composites. Identify greatest common factor and lowest common multiple. Writes, compares and orders fractions. Changes mixed numbers to decimals and decimals to mixed numbers. Determines terminating and repeating decimals.	Pre/Post test, mid chapter checkup
(6)	NM PM M	less than 60% 60% to 79% 80% or greater	
Addition and subtraction of decimals		add and subtract fractions and mixed numbers with same and different denominators. Determine appropriate and customary U. S. units of measure	Pre/Post test, mid chapter checkup
(7)	NM PM M	less than 60% 60% to 79% 80% or greater	
multiplication and division of fractions		multiply and divide fractions and mixed numbers subtract mixed whole numbers and fractions	Pre/Post test, mid chapter checkup
(8)	NM PM M	less than 60% 60% to 79% 80% or greater	
geometry and measurement		measure and classify angles and polygons.	Pre/Post test, mid chapter

PROCESS	PRODUCT/INDICATORS	EVALUATION
(9)	Determine congruent figures, identify symmetry find circumference and area of a circle, rectangle, triangle, parallelogram, and trapezoid.	checkup
	NM less than 60% PM 60% to 79% M 80% or greater	
Ratio, proportion and applications	write ratios, proportions. Solve proportions and use proportions with similar polygons and and use information from scale drawings	Pre/Post test, mid chapter checkup
(10)	NM less than 60% PM 60% to 79% M 80% or greater	
Percentages	write fractions and decimals as percents. Write percents as decimals and fractions including percents greater than 100% and less than 1%	Pre/Post test, mid chapter checkup
(11)	NM less than 60% PM 60% to 79% M 80% or greater	
percent applications	use proportions to solve percent problems, determine discounts, markups and commission.	Pre/Post test, mid chapter checkup
(12)	NM less than 60% PM 60% to 79% M 80% or greater	

PROCESS

statistics and probability

PRODUCT/INDICATORS

find the mean and median, interpret line and bar graphs, recognize equally likely outcomes, find the probability of an event.

EVALUATION

Pre/Post test, mid chapter checkup

NM less than 60%
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M 80% or greater

(13)

integers and coordinate graphing

identify, compare, order, add, subtract, multiply and divide integers. Solve equations with integers and graph ordered pairs.

Pre/Post test, mid chapter checkup

NM less than 60%
PM 60% to 79%
M 80% or greater

(14)

advanced geometry and measurement

find squares and square roots of numbers, bisect line segments and angles. Construct space figures find surface area and volume of a prism, pyramid, or cylinder.

Pre/Post test, mid chapter checkup

NM less than 60%
PM 60% to 79%
M 80% or greater