





















Remember Know math facts, terms Model with mathematics Estimate, predict, observe, explain relationships Construct viable arguments Geometry proof Integrate concepts across domains Apply Calculate, measure, make conversions Make sense of <u>routine</u> problems Make sense of <u>non-</u> <u>routine</u> problems Design & conduct a project Analyze Identify a pattern Locate information in table Use tools strategically classify, organic Reason abstractly Generalize a pattern cothers Analyze multiple sources of evidence Evaluate Opsign a complex Design a complex Design a complex	Depth + Thinking	Level 1 Recall & Reproduction	Level 2 Skills & Concepts (routine applications)	Level 3 Strategic Thinking (support with data, equations, models, etc.)	Level 4 Extended Thinking (across domains)
Understand Attend to precision Evaluate expressions, plot point Model with mathematics Estimate, predict, observe, explain relationships Construct viable arguments Geometry proof Integrate concepts across domains Apply Calculate, measure, make conversions Make sense of routine problems Make sense of non- routine problems Design & conduct a project Analyze Identify a pattern Locate information in table Use tools strategically classify, organize data, extend a pattern Reason abstractly Generalize a pattern chase Analyze multiple sources of evidence Evaluate Critique the reasoning of others Design a complex	Remember	Know math facts, terms			
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Analyze Identify a pattern Locate information in table Use tools strategically Classify, organize data, extend a pattern Reason abstractly Generalize a pattern Analyze multiple sources of evidence Evaluate Critique the reasoning of others Critique the reasoning of others Design a complex	Apply	Calculate, measure, make conversions	Make sense of <u>routine</u> problems	Make sense of <u>non-</u> routine problems	Design & conduct a project
Evaluate Critique the reasoning of others	Analyze	Identify a pattern Locate information in table	Use tools strategically Classify, organize data, extend a pattern	Reason abstractly Generalize a pattern	Analyze multiple sources of evidence
Create Design a complex	Evaluate			Critique the reasoning of others	
model	Create				Design a complex model

















Whole Numbers – Gr. 4



20

Express how the value of a digit in a multi-digit whole number changes if the digit moves one place to the left or right.

Read and write multi-digit whole numbers from 0 to 1,000,000 using standard form, expanded form and word form

Plot, order and compare multi-digit whole numbers up to 1,000,000.



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Number	Two Numbers Greater Than (>)	Two Numbers Less Than (<)	Numbers Equal To (=)
Example: 356	368, 526	245, 18	356
70			
185			
342			
62			
DK Level 2: zza. Tito also l the pizzas ny pepperor	Tito and Luis are stuffed with pizz o ate 4 slices of mushroom pizza. had 8 slices and were the same si i pizza. Luis says they ate the sam	a. Tito ate 2 slices of cheese pizza Luis at 5 slices of cheese pizza, ar ize. Tito says he ate more pizza th a amount of pizza. Who is correc	a. Tito ate 3 slices of a p 1d 4 slices of mushroon an Luis because Luis di 1 : Show all your math
OK Level 2: izza. Tito als Il the pizzas ny pepperor ninking. (Nev	Tito and Luis are stuffed with pizz o ate 4 slices of mushroom pizza. had 8 slices and were the same si i pizza. Luis says they ate the sam v York City Department of Educat	a. Tito ate 2 slices of cheese pizza Luis at 5 slices of cheese pizza, ar ize. Tito says he ate more pizza th a amount of pizza. Who is correct ion, n. d.)	a. Tito ate 3 slices of a p nd 4 slices of mushroon an Luis because Luis di :t? Show all your math
OK Level 2: izza. Tito als Il the pizzas ny pepperor tinking. (New OK Level 3: les. The Birt	Tito and Luis are stuffed with pizz o ate 4 slices of mushroom pizza. had 8 slices and were the same si i pizza. Luis says they ate the sam w York City Department of Educat A photographer has picture files s nday album has 1,860 files. The P	a. Tito ate 2 slices of cheese pizzz Luis at 5 slices of cheese pizza, ar ize. Tito says he ate more pizza th he amount of pizza. Who is correc- tion, n. d.) saved in three online albums. The ets album has 2,370 files. Order to	a. Tito ate 3 slices of a p and 4 slices of mushroon an Luis because Luis dii t? Show all your mathe Wedding album has 2, the files from least to
OK Level 2: zza. Tito als il the pizzas iy pepperor inking. (New OK Level 3: es. The Birtl eatest. The compare th	Tito and Luis are stuffed with pizz o ate 4 slices of mushroom pizza. had 8 slices and were the same si i pizza. Luis says they ate the sam w York City Department of Educat A photographer has picture files anday album has 1,860 files. The P n, describe how you came up with the number of files in each album.	a. Tito ate 2 slices of cheese pizza Luis at 5 slices of cheese pizza, ar ize. Tito says he ate more pizza th the amount of pizza. Who is correc ion, n. d.) saved in three online albums. The ets album has 2,370 files. Order in an order for the numbers. Now , What makes this way different	a. Tito ate 3 slices of a p and 4 slices of mushroon an Luis because Luis di :t? Show all your math Wedding album has 2, the files from least to come up with another than the first way you s
OK Level 2: zza. Tito als I the pizzas by pepperor inking. (Nev OK Level 3: es. The Birti eatest. The compare the is problem?	Tito and Luis are stuffed with pizz o ate 4 slices of mushroom pizza, had 8 slices and were the same si i pizza. Luis says they ate the sam v York City Department of Educat A photographer has picture files o nday album has 1,860 files. The P n, describe how you came up with ne number of files in each album. After ordering the number of fil	a. Tito ate 2 slices of cheese pizza Luis at 5 slices of cheese pizza, ar ize. Tito says he ate more pizza th e amount of pizza. Who is correc- ion, n. d.) saved in three online albums. The ets album has 2,370 files. Order a no order for the numbers. Now, What makes this way different 1 es, which album has the greatest	a. Tito ate 3 slices of a p and 4 slices of mushroon an Luis because Luis di it? Show all your mathe Wedding album has 2, the files from least to come up with another than the first way you s c (or most) number of f



























