Yr 6 Place Value, Addition and Subtraction Unit 1 (6421)

Additional teacher instructions for practice sheets

These notes indicate which practice sheets are most appropriate for which groups.

Day 1 Comparing and ordering large numbers Sheet 1 Working towards ARE

Day 1 Comparing and ordering large numbers Sheet 2 Working at ARE / Greater Depth

Day 2 Place value adding and subtracting Sheet 1 Working towards ARE

Day 2 Place value adding and subtracting Sheet 2 Working at ARE / Greater Depth

Day 3 Rounding numbers Sheet 1 Working towards ARE

Day 3 Rounding numbers Sheet 2 Working at ARE / Greater Depth

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		Comparing	g and ordering	large numbers	
			Sheet I		
1.	Use [·]	the symbols $> c$	or < between these	pairs of numbers to	
	indic	ate which is lar	ger:		
	a)	2,872,981	832,981		
	b)	530,089	930,980		
	c)	6,335,385	6,767,001		
	d)	5,005,000	5,000,500		
2.	Put [.] plac	these numbers o e:	on the number line i	n approximately the right	
		1,800,000	1,550,000	1,200,050	
 1,0 3	00,000 Put 1	these sets of nu	nbers in order smal	2,000,0	7 00
J.	i ui				
	a)	6,537,000	5,376,800	6,900,000	
	ь)	1,250,750	890,670	1,520,700	
	c)	2,670,001	2,760,000	2,670,010	
(F n	Challe or eac	enge ch of the pairs o r that would go	of numbers in quest o in between the pa	ion 1 write one more ir.	
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		* • •	■ ▲ ● ★		• * • • •	
		Compa	ring and orc	lering large	numbers	
			She	et 2		
1.	Use	the symbols	> or < betwee	n these pairs of	numbers to	
	indic	cate which i	s larger:	·		
	a)	2,872,981	2,832,9	81		
	b)	4,530,089	4,530,98	80		
	c)	6,792,385	6,729,9	99		
	d)	5,544,454	5,545,5	45		
	e)	8,000,001	0,000,8	10		
	f)	9,999,991	1,999,99	99		
2.	Put plac	these numb	ers on the numb	per line in appro	ximately the righ [.]	ł
	2,50	07,387	2,850,762	2,343,840	2,101,877	
F				1		_
2,0	00,000)			3,000	000,
2	D		6			
Э.	Put	These sets of	r numbers in ord	der smallest to l	argest.	
	a)	6,537,298	5,376,820	5,637,892	6,289,573	
	ы	7 800 670	7 086 750	7 785 670	7 800 760	
	D)	1,070,070	7,700,750	7,705,070	1,040,100	
	c)	1,875,378	1,758,980	2,875,378	1,758,979	
	d)	8,887,788	8,878,878	8,870,888	8,807,887	
5	Challe	enge				
F	or eq	ch of the po	airs of numbers	in question 1 wr	ite two numbers	
+	hat w	ould go in b	etween the pai	r.		

		$\mathbf{A} \bullet \mathbf{*} \bullet \bullet \mathbf{\bullet} \mathbf{A} \bullet \mathbf{*}$	$\bullet \bullet \blacksquare \land \bullet \star \bullet \bullet \blacksquare \land \bullet$	
		Place value adding	a and subtractina	
		Shee	et 1	
•				
	1.	Add 10,000 to each of these nu	umbers:	
•		a) 3,676,967 b) 1,235,906	c) 3,888,888	ľ
•				
*				
•				
	2	Subtract 100 000 from each of	these numbers.	
		a) 7 666 777 b) 1 535 206	c) 5 254 456	
*			C) 5,254,450	2
<				
•	_			1
	3.	Add 1001 to each of these nur	mbers:	1
*		a) 4,578,467 b) 4,567,003	c) 4,253,850	3
•				
<				
•				
*				3
<				
		Challenge		
	A	dd 20,000 to each of the numbe	rs in question 1.	
*				
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		Place	value adding	, and subtrac	ting
			Shee	t 2	-
-	1.	Add 10.000 to	each of these nu	mbers:	
•		a) 3.676.967	b) 1.235.906	c) 3.888.888	d) 4.792.900
•					
*					
•					
•					
-	2.	Subtract 100,0	00 from each of	these numbers:	
•		a) 7,666,777	ь) 1 ,535,206	c) 5,254,456	d) 3,092,800
4					
-					
•	3.	Add 1200 to e	ach of these num	bers:	
•		a) 4,578,467	b) 4,567,003	c) 4,253,850	d) 4,329,600
*					
•					
•					
-					
•	4.	Subtract 1,000	010 from each c	of these numbers:	11 5 2 2 2 2 2 2 2
-		aJ 3,524,653	bJ 4,566,216	cJ 1,872,300	d) 5,329,000
*					
•	~	Challenge			
•	Α	dd 40,000 to ea	ch of the number	rs in question 1.	
*					
•					
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			Rounding	numbers		
			She	et 1		
		D				
	Ι.	Round these nu	umbers to the nea	arest 1,000,000:		
		a) 4,800,000	b) 3,205,000	c) 7,305,244		
-						
*						2
•						
<						
-	2.	Round these nu	umbers to the neo	arest 100,000:		
•		a) 680,000	b) 344,000	c) 5,392,000		
•						
*						2
•						
-						
	2	Pound there n	mbors to the pa	arost 10.000		
•	Э.			$a^{1} + 0.000$		
•		a) 287,000	DJ 221,300	CJ 0,U82,UUU		
*						1
•						4
-						•
•	4.	Round these nu	umbers to the neo	arest 1000:		•
•		a) 726,300	ь) 678,800	c) 1,573,333		•
*						*
•						•
						Þ
•						
•	F	Find 3 numbers th	nat will round to 7	7,000,000 when ro	ounded to the	
*		nearest 1,000,00	0.			
•						
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•			Rounding Shee	numbers		
	,			. 1 000 000		
	Ι.	Round these nu	Imbers to the nec	a) 7 5 0 2 0 0 2	d) 6 400 000	
-		a) 4,707,007	01 2,204,444	CJ 7,302,442	d) 0,477,777	
*						3
•						
-						•
	2.	Round these nu	umbers to the nec	irest 100,000 :		
		a) 685,436	b) 344,333	c) 5,492,000	d) 4,522,999	
*						3
•						•
-						•
-	3	Round these pu	imbers to the nec	rest 10.000		
•	J.	a) 586.634	b) 544.392	c) 6.482.000	d) 6.542.589	
-						
-						
•	4.	Round these nu	Imbers to the nec	irest 1000 :		•
•		a) 725,419	b) 678,784	c) 1,573,645	d) 6,672,500	
*						
•	1	Challenge				
•	Fi	nd 5 numbers th nd 7.000 000 w	hat will round to 6 hen rounded to th	,500,000 to the r nearest 1 000 (nearest 100,000	
*						2
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Place value, addition and subtraction

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Answers

Day 3 Rounding	numbers	Sheet 1
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1.	a) 5,000,000	b) 3,000,000	c) 7,000,000	
2.	a) 700,000	b) 300,000	c) 5,400,000	
3.	a) 590,000	b) 520,000	c) 6,080,000	
4.	a) 726,000	b) 679 <i>,</i> 000	c) 1,573,000	
Da	ay 3 Rounding nun	nbers Sheet 2		
1.	a) 5,000,000	b) 3,000,000	c) 8,000,000	d) 6,000,000
2.	a) 700,000	b) 300,000	c) 5,500,000	d) 4,500,000
3.	a) 590,000	b) 540,000	c) 6,480,000	d) 6,540,000
4.	a) 725,000	b) 679,000	c) 1,574,000	d) 6,673,000

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