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#### 7TH GRADE LONG DIVISION PROBLEMS

- 1.  $\mathbf{F}$  ind the quotient and remainder by dividing 4827 by 13.
- 2. Find  $89832 \div 12$
- 3. Divide 3892 by 8, upto two decimal places.



- 4. Divide  $x^4 + 9x^3 + 8x^2 + 11x + 6$  by x + 3
- 5. Divide 23987 by 21
- 6. Divide 468635658273 by 7



- 7. Divide  $a^4 + b^4 2a^3b + 11a^2b^2 + 6ab^3$  by a + b
- 8. Divide 482350 by 25.
- 9. Find the remainder for  $339874 \div 12$  by long division.
- 10. Divide 689732 by 50 to find the quotient, and remainder.



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## Why choose Cuemath?

"Cuemath is a valuable addition to our family. We love solving puzzle cards. My daughter is now visualizing maths and solving problems effectively!"

"Cuemath is great because my son has a one-on-one interaction with the teacher. The instructor has developed his confidence and I can see progress in his work. One-on-one interaction is perfect and a great bonus."

"I appreciate the effort that miss Nitya puts in to help my daughter understand the best methods and to explain why she got a problem incorrect. She is extremely patient and generous with Miranda."

- Gary Schwartz

- Kirk Riley

- Barbara Cabrera

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# ANSWERS

1)	Quotient = 371 Remainder = 4
2)	7486
3)	486.50
4)	Quotient = $x^3 + 6x^2 - 10x + 41$ Remainder = $-41$
5)	1142.23
6)	66947951181.85



7)	Quotient = $a^3 - 3a^2b + 14ab^2 - 8b^3$
	Remainder = $9b^4$
8)	19294
0)	10
9)	
10)	Quotient = 13794 Remainder = 32
10)	Quotient = 13794 Remainder = 32
10)	