

Meet the Long Division Family!

Tips & Tricks Worksheet

Name: _____

Date: _____

The Division Lineup

Family Member	Math Action	Quick Tip
■ Dad	Divide	See how many times the outside number fits.
■ Mom	Multiply	Times the top number by the one outside.
■ Sister	Subtract	Find the difference; check that it's smaller!
■ Brother	Bring Down	Slide the next number over with fire in your heart.
■ Rover	Repeat / Remainder	Go back to Dad, or tag your final leftover with an R .

Step-by-Step Guide: $20,500 \div 3$

Step & Family Member	The Math in Action
1. Start with Dad (Divide)	3 cannot go into 2, so look at 20. How many times does 3 go into 20? 6 times! Put 6 on the line right above the 0.
2. Mom's Turn (Multiply)	Multiply that 6 by the outside 3. $6 \times 3 = 18$. Write 18 right under the 20.
3. Sister Steps In (Subtract)	Subtract 18 from 20. $20 - 18 = 2$. Check: is 2 smaller than 3? Yes! Sister approves.
4. Brother's Job (Bring Down)	Bring down the next number, which is 5. Now your new number at the bottom is 25 .
5. Rover Says Repeat!	Go back to the top! Dad Divides: 3 goes into 25 exactly 8 times (put 8 on top). Mom Multiplies: $8 \times 3 = 24$. Sister Subtracts: $25 - 24 = 1$. Brother Brings Down: Drop the next 0 to make it 10 .
6. Cycle 3	Dad Divides: 3 goes into 10 exactly 3 times (put 3 on top). Mom Multiplies: $3 \times 3 = 9$. Sister Subtracts: $10 - 9 = 1$. Brother Brings Down: Drop the final 0 to make it 10 again.
7. Rover's Remainder	Dad Divides: 3 goes into 10 exactly 3 times (put 3 on top). Mom Multiplies: $3 \times 3 = 9$. Sister Subtracts: $10 - 9 = 1$. Nothing left to bring down! Rover says it's a Remainder of 1 .

Final Answer	6833 R 1
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Your Turn to Practice!

Use the Family Method steps to solve this problem. Don't forget to check your work with Sister and follow Rover's cues!

3) 2 2, 4 1 5	Space to show your steps: (Dad, Mom, Sister, Brother, Rover)
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