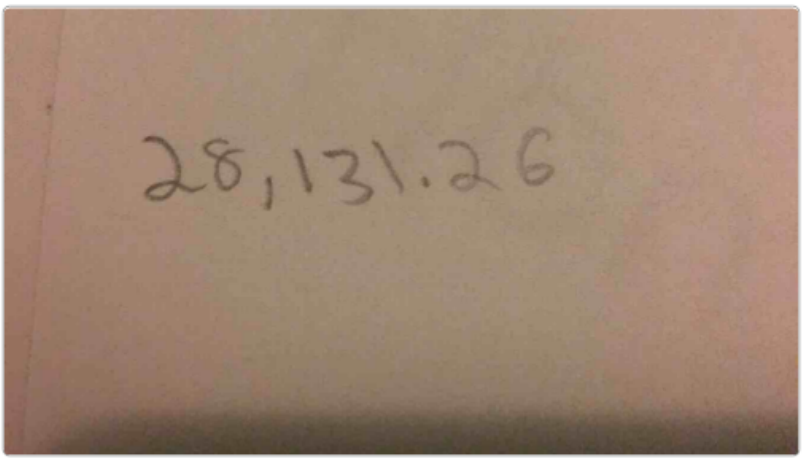
Yup



Mar 20th 12:05:09 am

Hi Paola, welcome to Yup! I'm Mr Sharma and I'll be helping you out.

Mar 20th 12:05:45 am ✓ ***Introduction: Greets student by name and welcomes them to Yup***

How are you doing today?

Mar 20th 12:05:55 am ✓ ***Introduction: Builds rapport with warm greeting***

I am doing great

Mar 20th 12:06:04 am

How about you?

Mar 20th 12:06:08 am

I'm doing good. Thanks for asking!

Mar 20th 12:06:22 am

How may I help you with your math today?

Mar 20th 12:06:34 am

I don't know how to round the number above to the nearest tenth

Mar 20th 12:07:19 am

Ok.

Mar 20th 12:07:27 am

I've reviewed your problem. Let's work together to figure out exactly where you're stuck.

Mar 20th 12:07:36 am

What have you tried on this problem so far?

Mar 20th 12:07:47 am ✓ ***A1: Determine progress***

Nothing. I totally forgot about rounding.😔

Mar 20th 12:08:34 am

No problem, we will work together to find the solution!

Mar 20th 12:08:48 am

Can you tell me which digit is at tenths place in our problem?

Mar 20th 12:09:10 am ✓ ***A1: Gauge student's existing know ledge***

I guess it's .2

Mar 20th 12:09:38 am

You mean, 2 which is after the decimal, right?

Mar 20th 12:10:03 am ✓ ***B1/C1: Redirect student's minor error***

Yeah

Mar 20th 12:10:27 am

SUPERB!

Mar 20th 12:10:34 am ✓ ***C2: Encouraging words***

Now, can you tell which number is just at the right of the tenths place?

Mar 20th 12:11:22 am ✓ ***B2: Guide student towards taking the next step***

6

Mar 20th 12:11:55 am

Fantastic!

Mar 20th 12:12:03 am

✓ ***C1: Adapt instruction to student gap***

Now, we have to check whether the number to the right of the tenths place is greater than 5 or less than 5.

Mar 20th 12:12:44 am

If the number to the right is 5 or greater, you will round the tenths place up to the next digit.

Mar 20th 12:13:07 am

Does that make sense?

Mar 20th 12:13:21 am ✓ ***C1: Check with the student to ensure understanding***

I think

Mar 20th 12:13:48 am

Awesome!

Mar 20th 12:13:52 am

So, in problem, whether to the right of the tenths place, the digit is less than 5 or greater than 5?

Mar 20th 12:14:33 am ✓ ***C3: Guiding question***

(Note: This question was somewhat confusing - it would have been best phrased as "...is the digit to the right of the tenths place less than 5 or greater than 5?")

It's greater

Mar 20th 12:14:53 am

*whether the digit to the right

Mar 20th 12:14:55 am

SUPERB!

Mar 20th 12:15:02 am ✓ ***C2: Positive language***

So, what do you think we have to do with the tenths place digit here?

Mar 20th 12:15:21 am ✓ ***C3: Open guiding question***

I think we have to round it up to the next digit

Mar 20th 12:16:10 am

Excellent!

Mar 20th 12:16:19 am

So, what should come in the tenths place here?

Mar 20th 12:16:28 am ✓ ***C3: Invite student input***

No worries if you're not sure, just give it your best shot.

Mar 20th 12:17:24 am ✓ ***C2: Reassuring language***

Mmm 28, 131.00

Mar 20th 12:17:32 am

Very close :) Good guess!

Mar 20th 12:17:48 am ✓ ***C2: Acknowledge student's mistake without causing stress***

Can you tell me which number comes after 2?

Mar 20th 12:18:10 am ✓ ***C1: Adapts to student's mistake with follow-up question***

3

Mar 20th 12:18:18 am

Excellent!

Mar 20th 12:18:30 am

So, in order to round to the nearest tenths, we have to just round the tenth place digit to the next digit and skip all other digits after that.

Mar 20th 12:19:31 am ✓ ***C1: Adapts explanation to student's confusion***

✓ *B2: Tutor uses example + visual aid to to clarify concept*

4.67 is rounded up to 4.7

Mar 20th 12:19:45 am

As in this example, the digit at tenths place is 6 here and the digit next to it is 7.

Mar 20th 12:20:22 am

And we can see that the digit after 6 is 7 which is greater than 5.

Mar 20th 12:20:55 am

So that means the answer is 28, 131.30

Mar 20th 12:21:09 am

So, we round this as 4.7 to the nearest tenth.

Mar 20th 12:21:11 am

Excellent!

Mar 20th 12:21:28 am ✓ *C2: Encouraging language*

But there is no need to write 0 at the end.

Mar 20th 12:21:44 am ✓ *B1/B2: Clarifies step further*

Okay

Mar 20th 12:21:51 am

Great work in arriving at the solution! What do you think we learned from this question?

Mar 20th 12:21:59 am ✓ *C1: Encourages recap from the student to ensure understanding*

That if the number is 5 or greater we round up to the next digit if it's 5 or less we round down

Mar 20th 12:23:48 am

If the number is less than 5, we keep the digit at tenth place as it is.

Mar 20th 12:24:17 am ✓ *B1/B2/C1: Tutor builds on student's thoughts/clarifies concept further*

Example: 4.24 in nearest tenth is 4.2 and not 4.1.

Mar 20th 12:24:35 am ✓ *B2: Tutor uses example to to clarify concept*

Does that make sense?

Mar 20th 12:24:40 am ✓ *C1: Check with the student to ensure understanding*

Oh okay yeah it does

Mar 20th 12:24:53 am

Awesome!

Mar 20th 12:25:02 am

Quick question: Round 8.32 to the nearest tenth?

Mar 20th 12:25:25 am ✓ ***C1: CFU to confirm student understanding***

8.3

Mar 20th 12:25:46 am

Wow! Awesome job :)

Mar 20th 12:25:53 am ✓ ***C2: Positive language***

Is there anything else I can help you with?

Mar 20th 12:26:14 am ✓ ***Tutor checks to see if the student needs further help***

No but thanks

Mar 20th 12:26:30 am

Thanks for using Yup!

Mar 20th 12:26:45 am ✓ ***Conclusion: Tutor thanks student for using Yup***

No problem

Mar 20th 12:26:53 am

Take care.

Mar 20th 12:27:51 am ✓ ***Conclusion: Warm send off***

Thanks you too.

Mar 20th 12:28:04 am

You're welcome.

Mar 20th 12:28:16 am

Student ended session

Mar 20th 12:34:18 am