

Name: _____

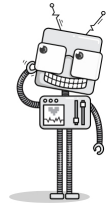
Secret Mission: You have been hired to develop and evaluate robots' math skills. Sometimes, they give thorough, correct explanations. However, they occasionally go haywire.

Robot Rob was given a math problem to solve.

Anna and Jack each ordered a pizza pie at CC's Pizza. CC's pizza is special in that they don't cut the pie into slices, you have to do that! When Anna got her pie she cut it into 6 slices. Jack decided to cut his into 5 slices.

If Anna ate 2 slices and Jack ate 2 slices, who ate more?

Robot Rob thinks this might be the answer:

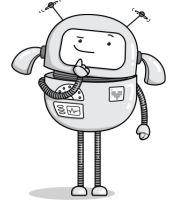


Jack ate more because his pizza was cut into 5 slices, which are larger than Anna's 6 slices.

Robot Rob did not explain too much. How do you think Robot Rob could have shown his work better?

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He is not sure that is correct, so he asked Robot Rita for help. This is how she tries to solve the problem.



Jack ate more.

Since Jack cut his pizza into 5 slices, each slice represents $\frac{1}{5}$ of the pizza. Anna, on the other hand, cut her pizza into 6 slices, so each slice represents $\frac{1}{6}$ of the pizza. Hence, two slices of Jack's pizza represent $\frac{2}{5}$ of the pizza while two of Anna's slices represent $\frac{2}{6}$ (or $\frac{1}{3}$) of the pizza. And because $\frac{2}{5}$ is greater than $\frac{1}{3}$, it can be concluded that Jack ate more.

If you were the teacher, how would you grade Robot Rita's work? Explain and also make comments in Robot Rita's work.

Hint: EdHelper's answer pages gave this answer.

BLANK: Jack ate more.

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Remember how the robots gave solving that problem a try? Now it's your turn! Can you solve this cool math problem? Try to walk us through each step, and see if you can come up with an answer even better than the robots did! Is your answer the same as edHelper's?

Anna and Jack each ordered a pizza pie at CC's Pizza. CC's pizza is special in that they don't cut the pie into slices, you have to do that! When Anna got her pie she cut it into 6 slices. Jack decided to cut his into 5 slices.

If Anna ate 2 slices and Jack ate 2 slices, who ate more?

Name: _____

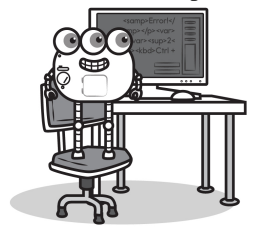
Now, it's your moment to shine! After observing the robots' attempts and fine-tuning their efforts, it's your turn to step up and give it a go!

Ava and Justin each ordered a pizza pie at CC's Pizza. CC's pizza is special in that they don't cut the pie into slices, you have to do that! When Ava got her pie she cut it into 5 slices. Justin decided to cut his into 4 slices.

If Ava ate 2 slices and Justin ate 2 slices, who ate more?

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Robot was given a math problem to solve.



Megan worked on a quilt on Quiet Day. The quilt is 7 feet long and 4 feet wide. What is the area of the quilt?

Robot wrote this program in Python to solve it.

```
# Variables for the length and width
length_of_quilt = 7
width_of_quilt = 4

# Calculation of the area
area_of_quilt = length_of_quilt * width_of_quilt

print(area_of_quilt)
```

Robot's program will print the answer to the math problem.
What will the program print out? Fill in the blanks.



Hints and Questions

To multiply in Python `*` is used.

When Robot wants to help explain something in the program, Robot starts a line with `#` and a space. This is called a comment. How many comments are in Robot's program?

After Robot's program is done, the variable `width_of_quilt` will have a value in it. What value does it have?

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40, 60, 80, 100, 120,
_____, 160, 180, 200

$$5 - 3 + 1 + 2 - 3$$

If you know
 $73 + 18 = 91$
 Then what is $73 + 16$?

5 thousands, 7 tens

$$\begin{array}{r} 78 \\ + \quad 4 \\ \hline \end{array}$$

$$\begin{array}{r} 76 \\ - \quad 8 \\ \hline \end{array}$$

Rose has a bowl. She puts 3 quarters into the bowl. Justin sees the bowl and takes some quarters out. The bowl now has 25 cents in it. How many quarters did Justin take?

The party is at 4 p.m. In only 15 minutes the party starts. What time is it right now?

Circle the even numbers.

87 44 49 75

83 50 56 68 81

64 82 47 58

Write an odd number.

What is 27 less than 178?

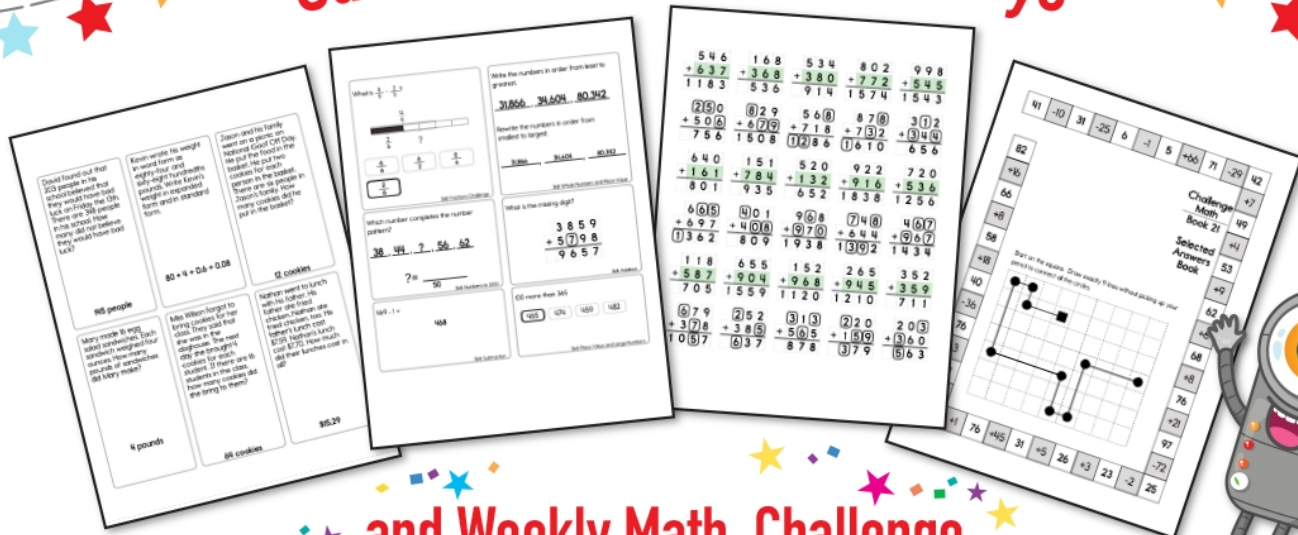
$$\begin{array}{r} 259 \\ - \quad 87 \\ \hline \end{array}$$

Circle the abstract noun(s).
 afternoon, quiet, clock, whistle

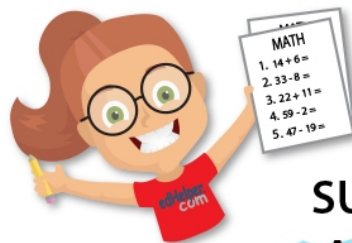
$$10 + \square = 30$$

$$30 + \square = 32$$

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