

NAME _____

DATE _____

Ming compares the following fractions and put that $\frac{6}{8} > \frac{3}{4}$ because both 6 and 8 are larger than 3 and 4. Joel says he used a number line and found Ming was wrong.

Who is correct? Ming Joel

Use number lines and a written explanation to prove your work is correct.



Written Explanation

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Kaylee shows the following work when comparing $\frac{3}{4}$ and $\frac{5}{8}$:

$$\frac{3}{4} \times \frac{2}{2} = \frac{5}{6}$$

$$\frac{3}{4} = \frac{5}{6}$$

Patrick says Kaylee made a mistake. Who is correct? Patrick Kaylee

Use a model and an equation to prove your work is correct.

Model

Equation

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Lisa puts $\frac{8}{100}$ of a dollar into a jar. Bart puts $\frac{6}{10}$ of a dollar into the same jar. How

much more of a dollar needs to go into the jar for there to be \$1 in the jar?

Use an equation and a written answer to prove your answer is correct.

Equation

Written Explanation

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Toni writes the following fractions and decimals:

$$4 \frac{6}{100} = 4.60$$

$$9.20 = 9 \frac{2}{100}$$

Karen says Toni made a mistake somewhere. Toni disagrees. Who is correct?

Use a model and a written answer to prove your answer is correct.

Model

Written Explanation

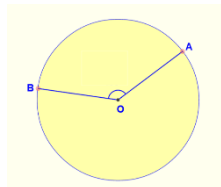
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Anya draws the following angle in a circle and says it measures 135° .

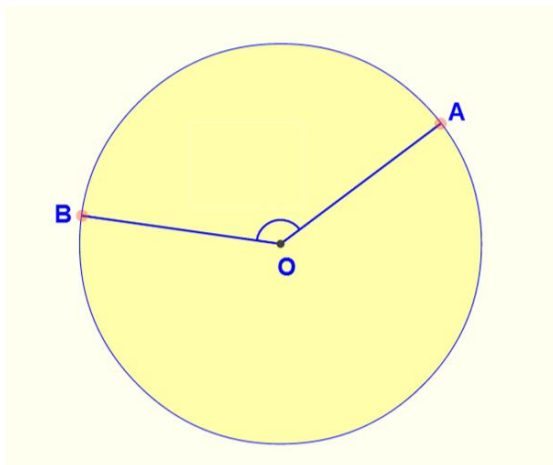
Gustavo says the angle is too big.

Who is correct? Anya Gustavo



Use the model and a written explanation to prove your answer is correct.

Model



Written Explanation

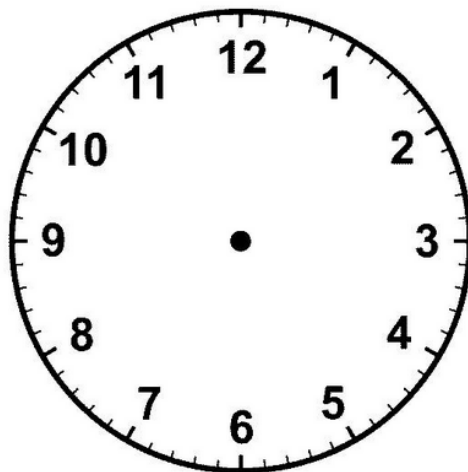
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Tony says that when the hands on the analog clock are at 9:30 that the angle they form is 90° . Cynthia says that the angle they form is really obtuse.

Who is correct? Tony Cynthia

Use the model below and a written explanation to prove your answer is correct.



Written Explanation

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Henry and Alanis compare decimals. Henry says that 0.4 and 0.40 are equivalent. Alanis says that is not true because 40 is bigger than 4. Who is correct?

Circle who is correct: Henry Alanis

Draw a model and give a written explanation that proves your answer is correct.

Model of 0.4

Model of 0.40

Written Explanation

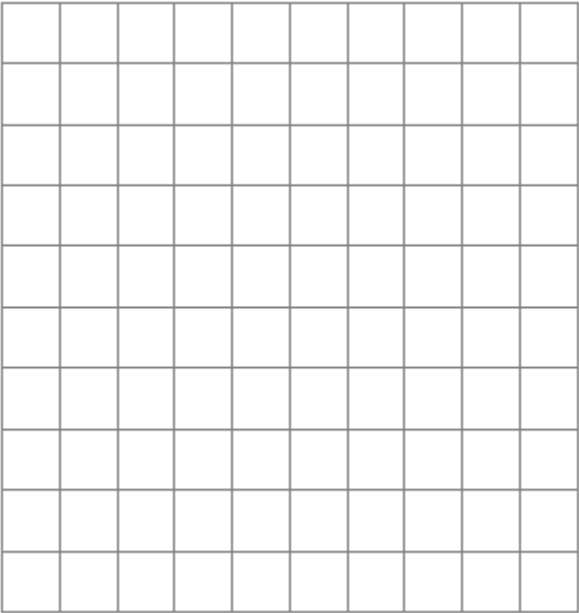
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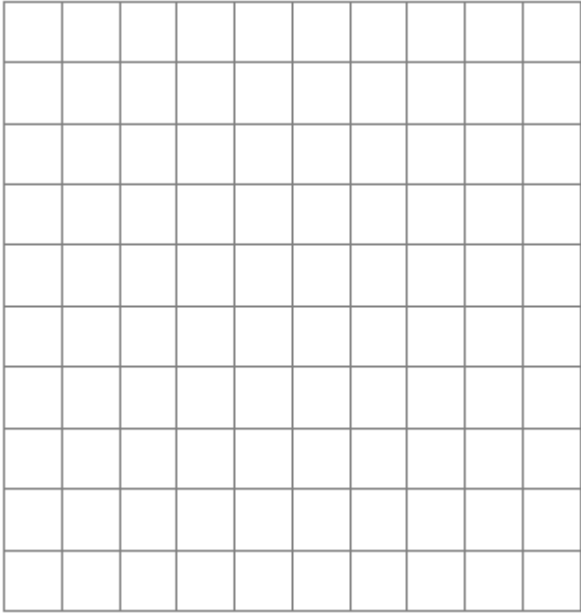
Albus and Katie compare decimals. Albus says that 0.22 is bigger than 0.3 while Katie says that 0.3 is bigger than 0.22. Who is correct? Albus Katie

Draw a model and give a written explanation that proves your answer is correct.

Model of 0.22



Model of 0.3



Written Explanation
