

Standards for Student Mathematical Practice

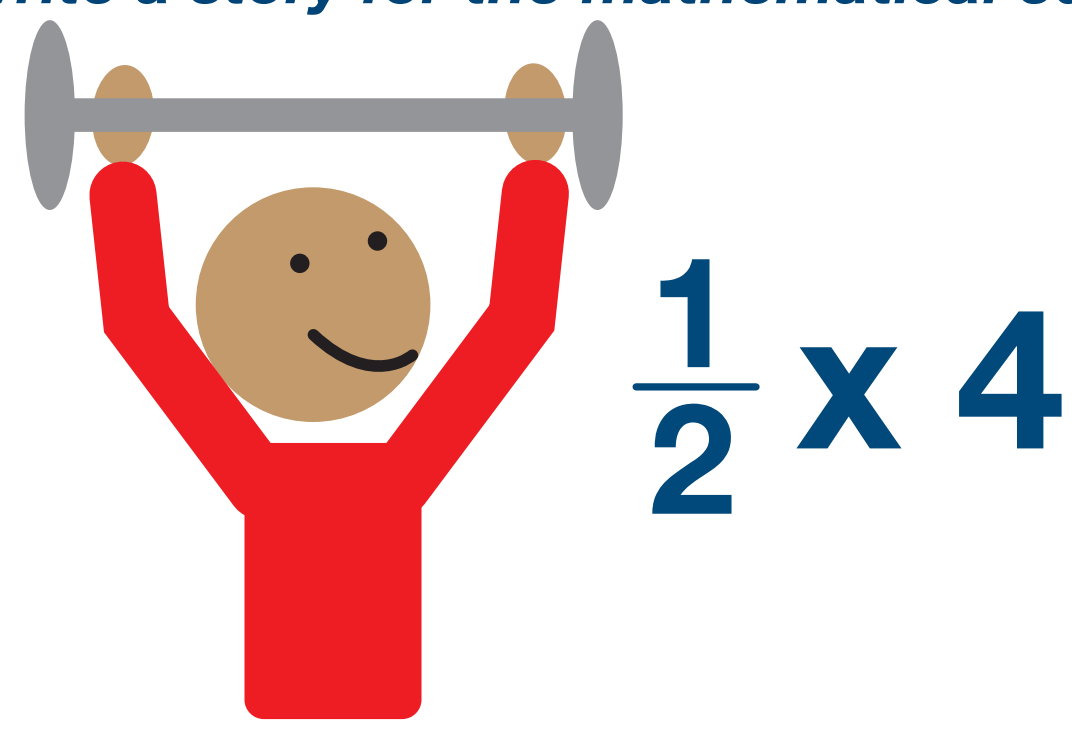
1 **Make sense of problems and persevere in solving them.**



Keep on going!

2 **Reason abstractly and quantitatively.**

Write a story for the mathematical equation

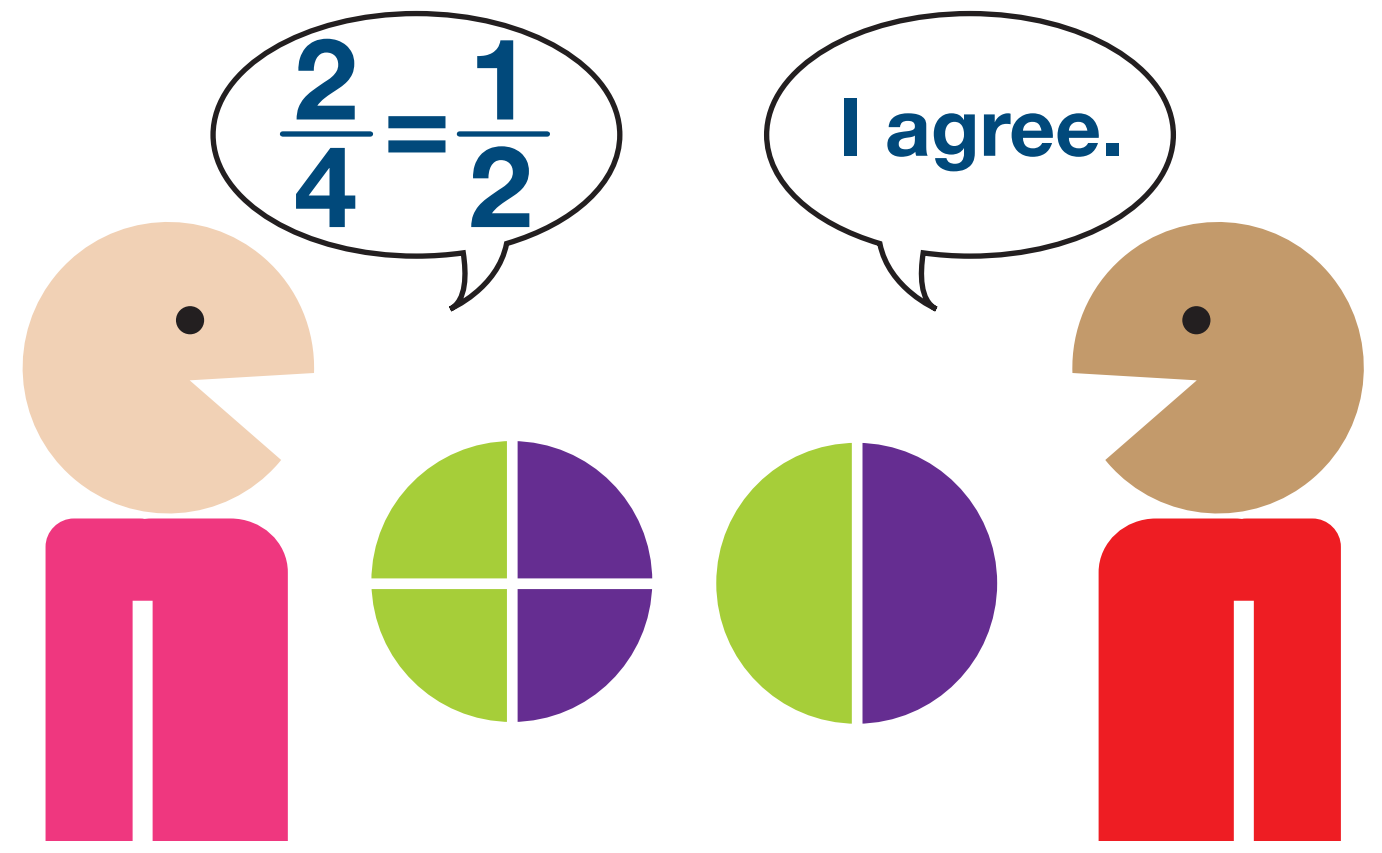


$\frac{1}{2} \times 4$

DeJuan exercises $\frac{1}{2}$ hour a day for 4 days. How many total hours does he exercise?

Think what makes sense.

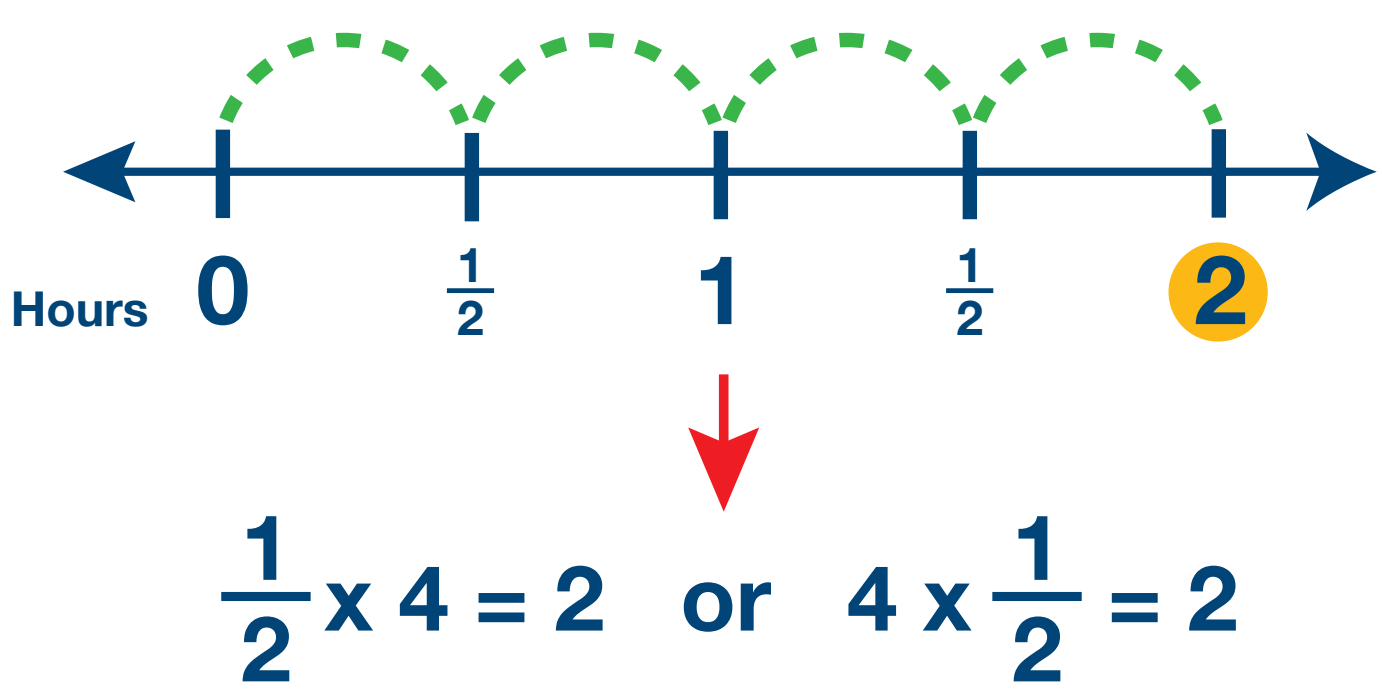
3 **Construct viable arguments and critique the reasoning of others.**



$\frac{2}{4} = \frac{1}{2}$ I agree.

Talk and explain.

4 **Model with mathematics.**



Hours 0 $\frac{1}{2}$ 1 $\frac{1}{2}$ 2

$\frac{1}{2} \times 4 = 2$ or $4 \times \frac{1}{2} = 2$

Show your thinking.

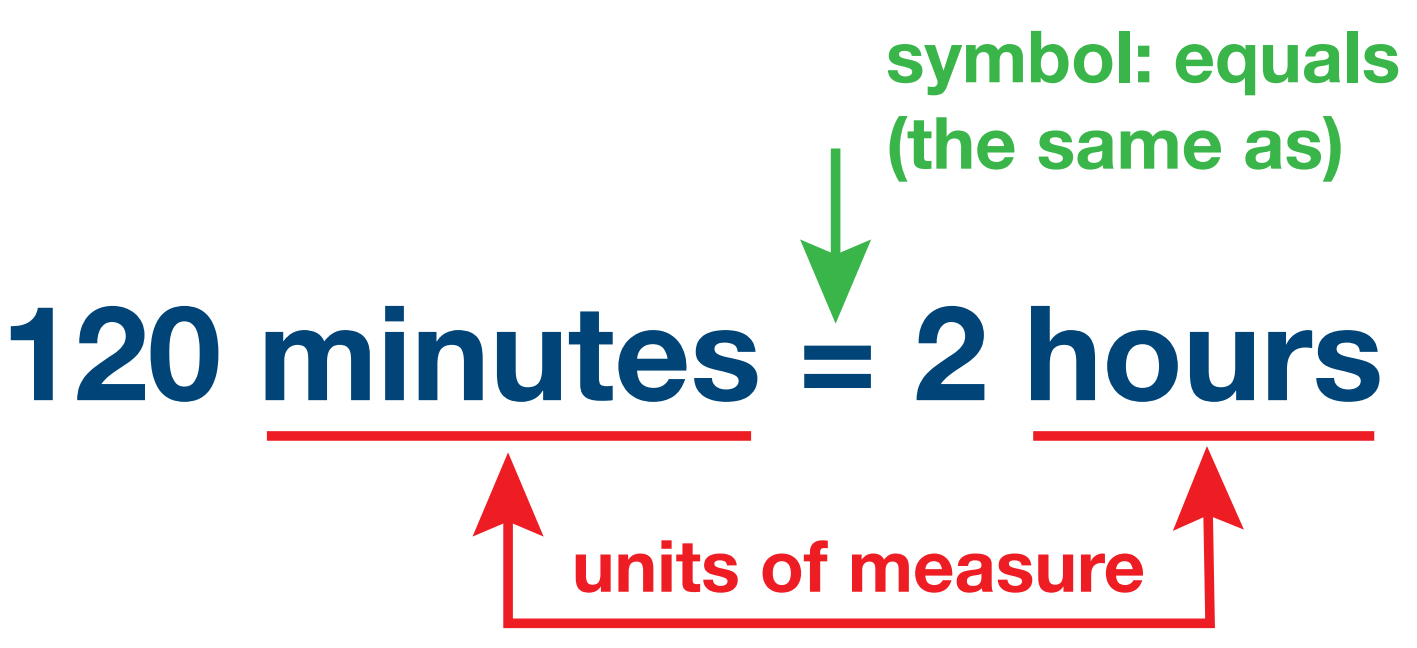
5 **Use appropriate tools strategically.**



$3 \times 2 = 6$

Use the right tools.

6 **Attend to precision.**



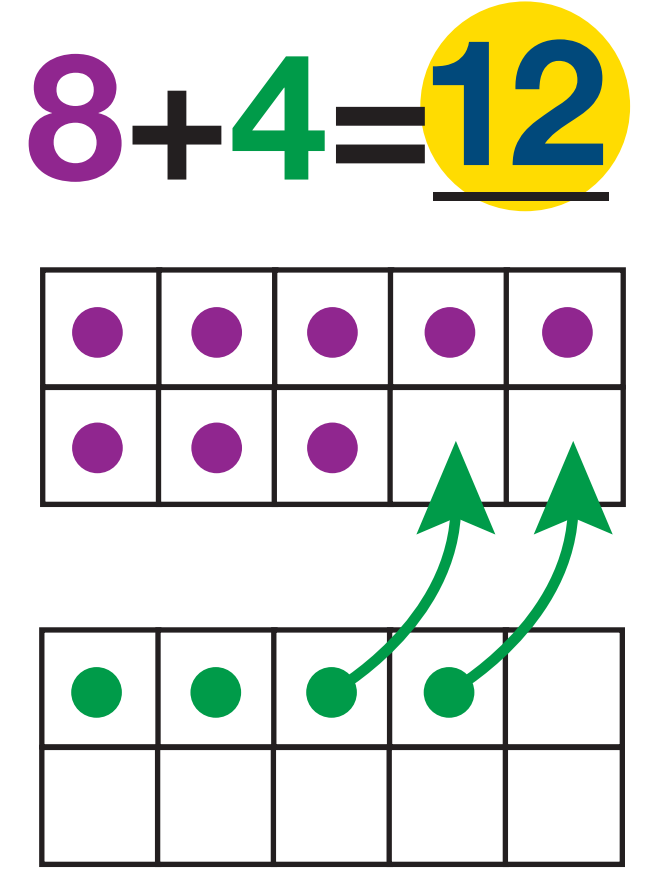
symbol: equals (the same as)

$120 \text{ minutes} = 2 \text{ hours}$

units of measure

Check your work.


7 **Look for and make use of structure.**



$8 + 4 = 12$

See the pattern or connection.

8 **Look for and express regularity in repeated reasoning.**



See the pattern or connection.