

ST Math Activity Page: Teacher Guide



Draw the fuel tank visuals to support why you chose $\frac{5}{4}$ as the missing fraction for this problem.

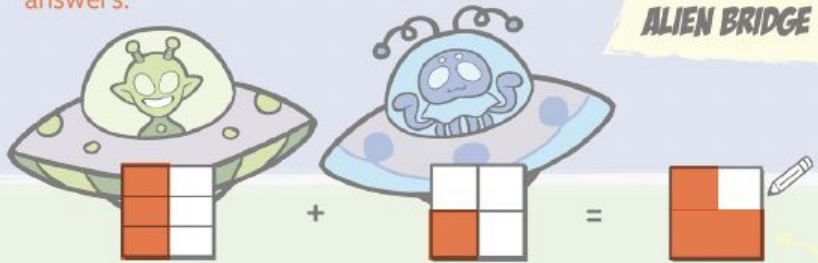


Why did you end up with a denominator of 24?

LOOK FOR students who rewrite the visual as symbolic and how they created equivalent fractions.

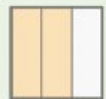
Possible answers:

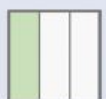
ALIEN BRIDGE



The Martian has $\frac{3}{6}$ of a fuel tank.
The Plutonian has $\frac{1}{4}$ of a fuel tank. How much fuel do they have altogether?

$\frac{3}{4} + \frac{5}{4} = 2$

$\frac{19}{24} =$  $+ \frac{1}{8}$

$\frac{5}{6} +$  $= \frac{7}{6}$

$\frac{6}{4} - \frac{1}{2} = \frac{4}{4}$

Which problem was most challenging to you? Why?

Answers will vary.

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How did you solve the Martian problem? What denominator did you choose? Why?