

11/10 Orange Fizzy

Friday 7 liters $\frac{3}{4}$ orange
4 soda

Saturday 9 liters $\frac{4}{5}$ orange
5 soda

TRAP: $\frac{3}{4} \rightarrow \frac{15}{20}$

$\frac{3+1}{4} \rightarrow \frac{16}{20}$

$\frac{4+1}{5} \rightarrow$ Trap - additive reasoning

correct - multiplicative reasoning

0000SSSS Friday

0000SSSS Saturday

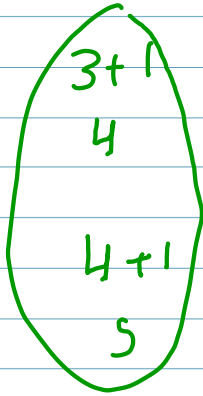
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 $\frac{4}{4}$ soda

Saturday 9 liters $\frac{4}{5}$ orange
 $\frac{5}{5}$ soda

TRAP:

$$\frac{3}{4} \rightarrow \frac{15}{20}$$



$$\frac{4}{5} \rightarrow \frac{16}{20}$$

Trap - additive reasoning

Correct - multiplicative reasoning

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 Friday

0	0	0	s	s	s	s
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 Saturday

Ⓐ every
Soda there is $\frac{2}{3}$
orange

Ⓑ

O	O	S	S	S
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Ⓒ every orange
there are 2 sodas

Ⓓ $\frac{1}{3}$ mix is soda

$$\text{Ⓐ } \frac{2}{3} : \frac{3}{3} = \text{Ⓑ } 2 : 3$$

2:3

$$\text{Ⓒ } 1 : 2 = \text{Ⓓ } 1 : 2$$