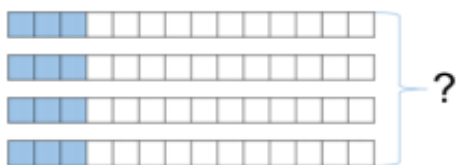


Whitney has calculated  $4 \times \frac{3}{14}$



From the picture I can see that  $4 \times \frac{3}{14} = \frac{12}{56}$



Do you agree?

Explain why.

Use the digit cards only once to complete these multiplications.

9 2 4 6 3

$$\square \times \frac{\square}{\square} = \frac{\square}{\square}$$

1 2 3 4 5 6

$$\square \times \frac{\square}{\square} = \frac{\square}{\square}$$

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9 2 4 6 3

$$\square \times \frac{\square}{\square} = \frac{\square}{\square}$$

1 2 3 4 5 6

$$\square \times \frac{\square}{\square} = \frac{\square}{\square}$$

$$2 \times \frac{3}{4} = \frac{9}{6}$$

Possible answers:

$$2 \times \frac{1}{3} = \frac{4}{6}$$

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Whitney has calculated  $4 \times \frac{3}{14}$



From the picture I can see that  $4 \times \frac{3}{14} = \frac{12}{56}$



Do you agree?

Explain why.

Possible answer:

I disagree. Whitney has shaded 12 fourteenths. She has counted all of the boxes to give her the denominator when it is not needed. The answer should be  $\frac{12}{14}$  or  $\frac{6}{7}$