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**13.** The table shows the amounts of two ingredients Tara used to make a snack mix. She ate  $\frac{5}{8}$  cup of the snack mix for lunch. How much of the mix is left? Show how you solved.

	Ingredient	Amount
DAT	Rice Crackers	$\frac{3}{4}$ c
	Pretzels	$\frac{2}{3}$ c
$\left(\frac{3}{4}\right)$	$+\frac{2}{3}-\frac{5}{8}=$	<u>19</u> сир

**15. Number Sense** Mary has three lengths of cable,  $\frac{3}{6}$  yard long,  $\frac{1}{4}$  yard long, and  $\frac{1}{3}$  yard long. Which two pieces together make a length of  $\frac{20}{24}$  yard?

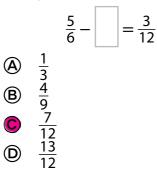
 $\frac{3}{4}$  and  $\frac{1}{3}$ 

**17. Use Structure** Explain how you know the quotients 540 ÷ 90 and 5,400 ÷ 900 are equal without doing any computation.

Sample answer: Since the dividends and the divisors have the same number of zeros, I can divide 54 by 9 to find the quotient.

## Assessment Practice

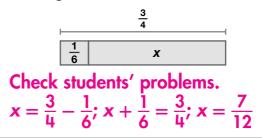
**19.** What fraction is missing from the following equation?



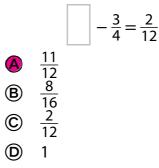
14. Samantha is making soup. To make the broth, she combines  $\frac{2}{5}$  cup of vegetable stock and  $\frac{2}{3}$  cup of chicken stock. Boiling the broth causes  $\frac{1}{4}$  cup of the liquid to evaporate. How much broth is left after it is boiled? Show how you solved.

 $\left(\frac{2}{5}+\frac{2}{3}
ight)-\frac{1}{4}=\frac{49}{60}\,{
m cup}$ 

- 16. A kitten's heartbeat can be as fast as 240 beats per minute. To find the number of times a kitten's heart beats in 30 seconds, Aiden says divide 240 by 30. Do you agree with him? Why or why not?
  No. To find the number of beats in 30 seconds, you need to divide by 2, not 30. 30 seconds is half a minute.
- **18. Higher Order Thinking** Write an addition and subtraction problem and equation for the diagram. Then find the missing value.



**20.** What number is missing from the following equation?



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