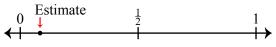
## Answer Key • Lesson 12: Workshop: Problem Solving with Fractions

## Student Activity Book

## Sharing Paper (SAB pp. 109–110) Questions 1–3

- I. The girls used  $\frac{7}{8}$  of the sheet of paper;  $\frac{1}{2} + \frac{1}{4} + \frac{1}{8} = \frac{7}{8}$  or  $\frac{4}{8} + \frac{2}{8} + \frac{1}{8} = \frac{7}{8}$
- 2. A. Possible response:



**B.** No; Possible response: When I look at the number line, there is less than  $\frac{1}{2}$  left.

**C.** 
$$\frac{1}{8}; \frac{8}{8} - \frac{7}{8} = \frac{1}{8}$$

**3.** The girls have  $\frac{1}{8}$  of the sheet of paper left, so they could make 1 gift tag or a bookmark.

	Sharing Paper
$\checkmark$	Check-In: Questions 1-3
Show	or tell how you solved each problem.
Emily make the p	and Sara shared one sheet of paper. Emily used $\frac{1}{2}$ of the sheet of paper to a birthday card. Sara used $\frac{1}{4}$ of the paper to make two gift tags and $\frac{1}{8}$ of aper to make a bookmark.
1.	How much of the sheet of paper did Emily and Sara use? Show or tell how you know and include a number sentence.
2.	A. Place a mark on the number line to estimate how much paper is left.
	$\begin{array}{ccc} 0 & \frac{1}{2} & 1 \\ \hline \\ \hline \\ \hline \\ \end{array} \qquad \qquad$
	B. Is there enough paper left for Emily to make a card like the first one she made? Explain how you know.
	C. Exactly how much of the sheet of paper is left? Write a number sentence.
3.	What can the girls make from the leftover paper?

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MPE5. I show - my ans can und [Q# 1]	MPE: ablen soluti makee try ag	MPE: choos efficie the pr		Use b asses	Use v probl	Subtrac [Q# 2C]	Add f	[Q# 2		Name
MPE5. Show my work. I show or tell how I arrived at my answer so someone else can understand my thinking. [Q# 1]	MPE3. Check for reason- ableness. I look back at my solution to see if my answer makes sense. If it does not, I try again. [Q#2A–B]	MPE2. Find a strategy. I choose good tools and an efficient strategy for solving the problem. [Q# 1, 2A, 2C]		Use benchmark fractions to estimate sums and assess the reasonableness of answers. [Q# 2A]	risual models or equation ems involving adding an	act fractions including th [C]	fractions including those	Compare fractions using num [Q#2A-B, 3]	Sha Check-In: Quest	o
			Yes	Use benchmark fractions to estimate sums and differences and assess the reasonableness of answers. [Q# 2A]	Use visual models or equations to represent the solution for word problems involving adding and subtracting fractions. [Q# 1, 2C]	Subtract fractions including those with unlike denominators [Q# 2C]	Add fractions including those with unlike denominators. [Q#1]	Compare fractions using number lines and benchmarks. [Q#2A-B, 3]	Sharing Paper Check-In: Questions 1–3 Feedback Box	
			Yés	es and	for word ( 1, 2C]	OIS.	[Q# 1]			
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