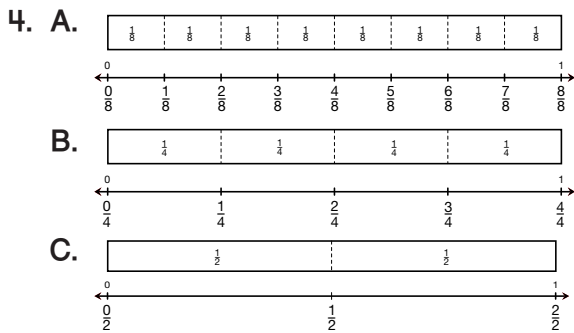
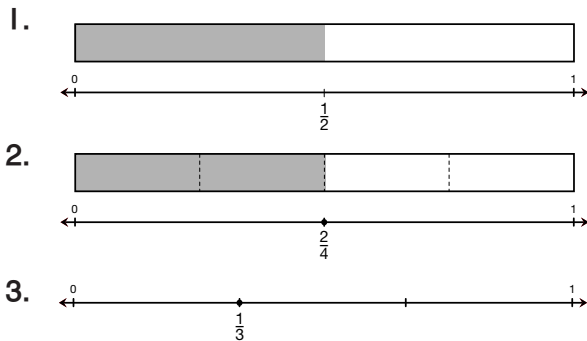


Student Activity Book

Fractions on Number Lines (SAB pp. 347–353)
Questions 1–8



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Fractions on Number Lines

1. Shade $\frac{1}{2}$ on the fraction strip and label $\frac{1}{2}$ on the number line. Use your fraction strips.

2. Shade $\frac{2}{4}$ on the fraction strip and label $\frac{2}{4}$ on the number line. Use your fraction strips.

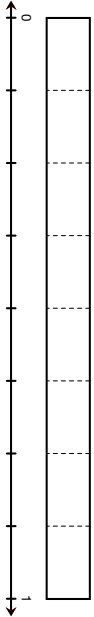
3. Label $\frac{1}{3}$ on the number line. Use your fraction strips.


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4. Label each fraction on the fraction strip and the number line.

A. 

B. 

C. 

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Answer Key • Lesson 4: Folding Fractions

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D.

E.

F.

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D.

E.

F.

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5. Shade each fraction on the fraction strip and label it on the number line.

A. $\frac{2}{8}$

B. $\frac{1}{4}$

C. $\frac{4}{8}$

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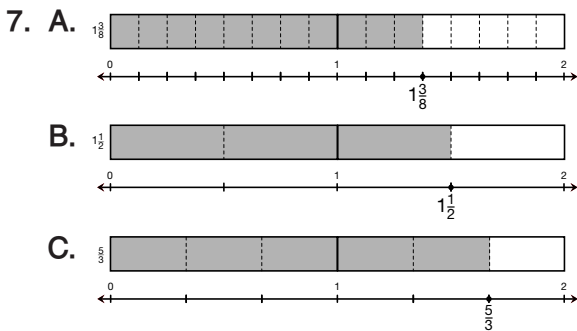
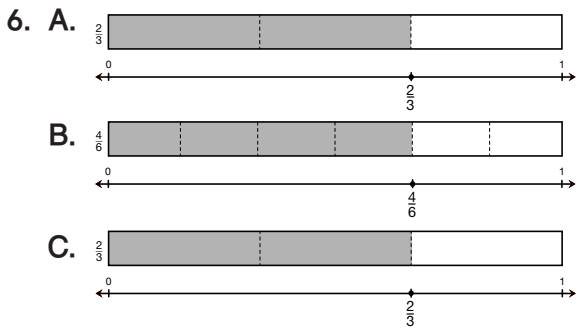
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5. A.

B.

C.

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6. Shade each fraction on the fraction strip and label it on the number line.

A. $\frac{2}{3}$
 B. $\frac{4}{10}$
 C. $\frac{2}{5}$

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7. Shade each fraction on the fraction strip and label it on the number line.

A. $\frac{1}{8}$
 B. $1\frac{1}{2}$
 C. $\frac{5}{9}$

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8. Decide if each sentence is true or false. Use your fraction strips and your answers to Questions 1–7.

= equal to		< less than		> greater than	
True	False	True	False	True	False
A. $\frac{1}{2} = \frac{2}{4}$		I. $\frac{4}{6} > \frac{2}{3}$		J. $1\frac{1}{2} < 1\frac{3}{6}$	
B. $\frac{2}{4} = \frac{3}{8}$		K. $\frac{2}{3} > \frac{5}{6}$		L. $\frac{7}{8} > \frac{5}{6}$	
C. $\frac{4}{4} = \frac{2}{2}$		M. $\frac{4}{8} < \frac{4}{4}$		N. $\frac{3}{6} > \frac{1}{2}$	
D. $\frac{2}{6} = \frac{1}{3}$		O. $\frac{5}{6} > \frac{3}{4}$			
E. $\frac{3}{4} = \frac{7}{8}$					
F. $\frac{1}{3} = \frac{2}{6}$					
G. $\frac{4}{6} = \frac{2}{3}$					

H. Show how you decided if Question F is true or false.

P. Choose a number sentence that is false. Rewrite it so it is true. Show or tell how you know it is true.

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8.

	True	False
A.* $\frac{1}{2} = \frac{2}{4}$	✓	
B. $\frac{2}{4} = \frac{3}{8}$		✓
C. $\frac{4}{4} = \frac{2}{2}$	✓	
D. $\frac{2}{8} = \frac{1}{4}$	✓	
E. $\frac{3}{4} = \frac{7}{8}$		✓
F. $\frac{1}{3} = \frac{2}{6}$		
G. $\frac{4}{6} = \frac{2}{6}$		✓

H. Responses will vary. I folded my orange and aqua strips. $\frac{1}{3}$ of the strip and $\frac{2}{6}$ of the strip are the same length. $\frac{1}{3} = \frac{2}{6}$.

	True	False
I. $\frac{4}{6} > \frac{2}{3}$		✓
J. $1\frac{1}{2} < 1\frac{3}{6}$		✓
K. $\frac{2}{3} > \frac{5}{6}$		✓
L. $\frac{7}{8} > \frac{5}{6}$	✓	
M. $\frac{4}{8} < \frac{4}{6}$	✓	
N. $\frac{3}{6} > \frac{1}{2}$		✓
O. $\frac{5}{6} > \frac{3}{4}$	✓	

P. Responses will vary. Possible responses:

change $\frac{2}{4} = \frac{3}{8}$ to $\frac{2}{4} = \frac{4}{8}$ or $\frac{2}{4} > \frac{3}{8}$

change $\frac{3}{4} = \frac{7}{8}$ to $\frac{3}{4} = \frac{6}{8}$ or $\frac{3}{4} < \frac{7}{8}$

change $\frac{4}{6} = \frac{2}{6}$ to $\frac{4}{6} > \frac{2}{6}$ or $\frac{4}{6} = \frac{4}{6}$

change $\frac{4}{6} > \frac{2}{3}$ to $\frac{4}{6} = \frac{2}{3}$

change $1\frac{1}{2} < 1\frac{3}{6}$ to $1\frac{1}{2} = 1\frac{3}{6}$ or $1\frac{1}{2} < 1\frac{4}{6}$

change $\frac{2}{3} > \frac{5}{6}$ to $\frac{2}{3} < \frac{5}{6}$ or $\frac{2}{3} = \frac{4}{6}$

change $\frac{3}{6} > \frac{1}{2}$ to $\frac{3}{6} = \frac{1}{2}$ or $\frac{4}{6} > \frac{1}{2}$

*Answers and/or discussion are included in the lesson.