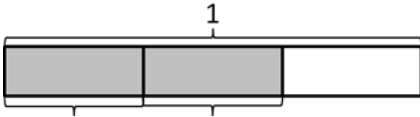Name _____ Date _____
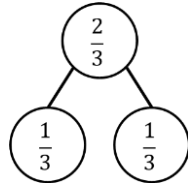
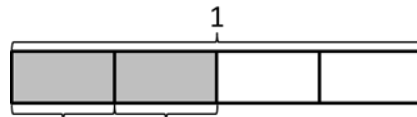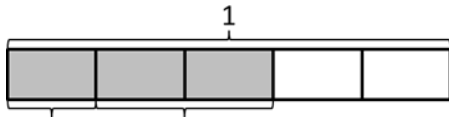1. Draw a number bond, and write the number sentence to match each tape diagram. The first one is done for you.

a.

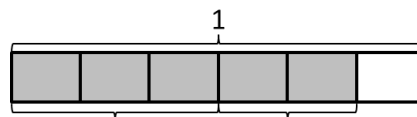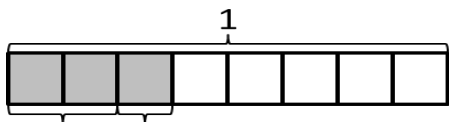$$\frac{2}{3} = \frac{1}{3} + \frac{1}{3}$$

b.

c.

d.

e.

f.

Lesson 1: Decompose fractions as a sum of unit fractions using tape diagrams.

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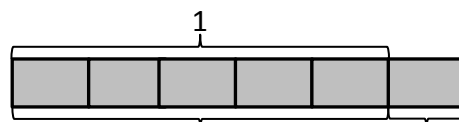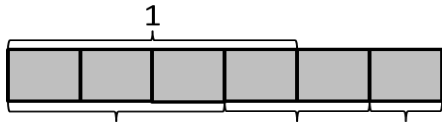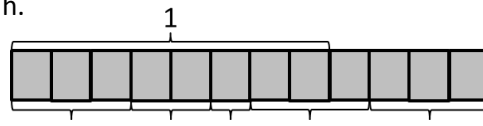
g.

h.

2. Draw and label tape diagrams to match each number sentence.

a. $\frac{5}{8} = \frac{2}{8} + \frac{2}{8} + \frac{1}{8}$

b. $\frac{12}{8} = \frac{6}{8} + \frac{2}{8} + \frac{4}{8}$

c. $\frac{11}{10} = \frac{5}{10} + \frac{5}{10} + \frac{1}{10}$

d. $\frac{13}{12} = \frac{7}{12} + \frac{1}{12} + \frac{5}{12}$

e. $1\frac{1}{4} = 1 + \frac{1}{4}$

f. $1\frac{2}{7} = 1 + \frac{2}{7}$