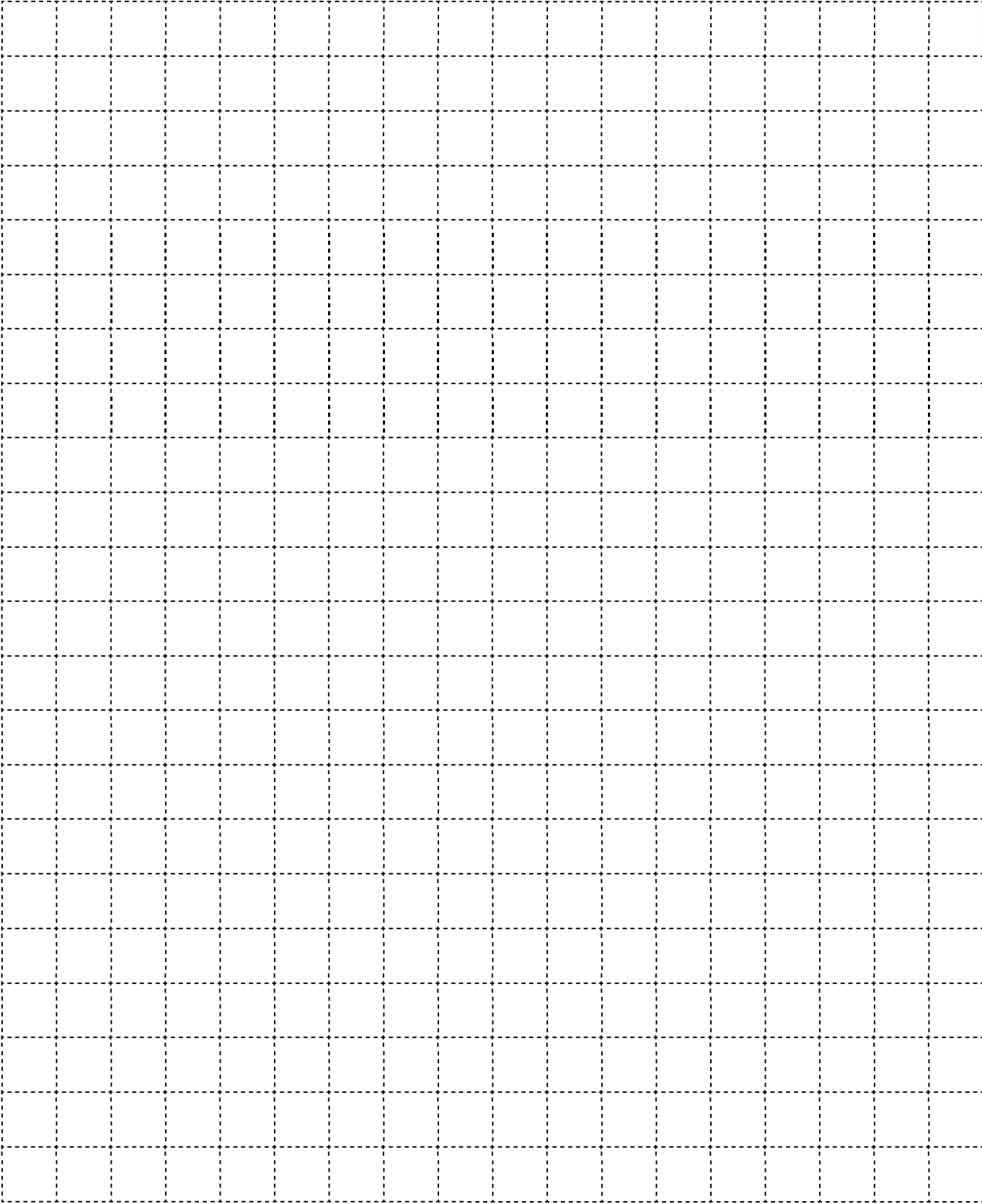


NAME _____



Grid Paper



Set A9 ★ Independent Worksheet 1



INDEPENDENT WORKSHEET

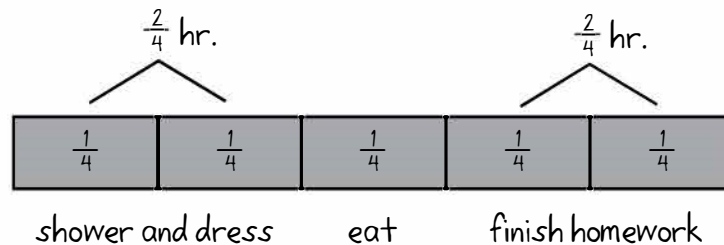
Fractions through the School Day

Make a labeled sketch to solve each of the problems below. Use words to explain your answer, and write an equation to match. Use your fraction kit to help if you want.

Note: If the answer turns out to be an improper fraction, change it to a mixed number.

ex Sam and Ali are friends. They're both in Mrs. Hill's fourth grade class. When Sam gets up on school days, it takes him $\frac{2}{4}$ of an hour to take a shower and get dressed, $\frac{1}{4}$ to eat breakfast, and $\frac{2}{4}$ of an hour to finish his homework. How long does it take Sam to get ready for school?

a Labeled Sketch



b Explanation (in words)

2 fourths plus 1 fourth plus 2 more fourths is 5 fourths in all. There are 4 fourths in an hour, so it takes him 1 and $\frac{1}{4}$ hours to get ready for school.

c Equation

$$\frac{2}{4} + \frac{1}{4} + \frac{2}{4} = \frac{5}{4} \quad \frac{5}{4} = 1\frac{1}{4} \text{ hour}$$

NAME _____



Independent Worksheet 1 Fractions through the School Day (cont.)

1 Ali fixed eggs for her family this morning. She had $\frac{5}{6}$ of a carton when she started, and $\frac{2}{6}$ of a carton left when she finished. What fraction of the carton did Ali use?

a Labeled Sketch

b Explanation (in words)

c Equation

2 Sam and Ali's class had P.E. first thing this morning P.E. lasts $\frac{4}{8}$ of an hour. They spent $\frac{1}{8}$ of an hour running laps. What fraction of an hour did they have left after that?

a Labeled Sketch

b Explanation (in words)

c Equation

NAME _____



Independent Worksheet 1 Fractions through the School Day (cont.)

3 Ali had $\frac{5}{6}$ of a granola bar in her lunchbox. She ate $\frac{3}{6}$ of the bar at recess. What fraction of the bar did she have left for lunch?

a Labeled Sketch

b Explanation (in words)

c Equation

4 Sam and Ali had a math test after recess. Mrs. Hill said, "You have $\frac{8}{12}$ of an hour to complete the test." After $\frac{6}{12}$ of an hour, Sam only had 1 page left to go. What fraction of an hour did he have left to finish the last page?

a Labeled Sketch

b Explanation (in words)

c Equation

NAME _____



Independent Worksheet 1 Fractions through the School Day (cont.)

5 The 4th graders at Sam and Ali's school take turns picking up trash on the playground after lunch each day. The chart below shows how many pounds of trash each class has picked up so far this week. How many pounds have they collected in all?

Fifth Grade Class	Pounds of trash
Mrs. Hill's Class	$2\frac{1}{6}$ pounds
Mr. Wong's Class	$1\frac{2}{6}$ pounds
Mrs. Tejada's Class	$1\frac{4}{6}$ pounds

a Labeled Sketch

b Explanation (in words)

c Equation

6 The 4th graders are painting a mural about recycling on one of the walls by the playground. So far, they've used $1\frac{2}{8}$ gallons of red paint, $2\frac{5}{8}$ gallons of yellow paint, and $2\frac{3}{8}$ gallon of green paint. How many gallons of paint have they used in all?

a Labeled Sketch

b Explanation (in words)

c Equation