

4th Grade: Unit 5 Skill Overview

Use the Self-Assessment to help you reflect on your progress towards our math goals in Unit 5. Below you will find examples of the types of problems you have completed in this unit. The examples may be used as additional practice if needed. Refer to your Student Reference Book for additional information and practice.

Skill

Examples

① Decompose, or break apart, fractions. MJ2
155

Write an equation to show each fraction as the sum of unit fractions.

① $\frac{5}{12}$ _____

② Add and subtract fractions. MJ2
159, 169

Add.

③ $\frac{2}{5} + \frac{1}{5} =$ _____

④ $\frac{1}{2} + \frac{3}{2} =$ _____

⑤ $\frac{5}{6} + \frac{5}{6} =$ _____

⑥ $\frac{1}{3} + \frac{2}{3} + \frac{1}{3} =$ _____

Subtract.

③ $\frac{2}{2} - \frac{1}{2} =$ _____

④ $\frac{11}{6} - \frac{4}{6} =$ _____

⑤ _____ = $1 - \frac{1}{5}$

③ Add and subtract mixed numbers. MJ2
162, 171

Add. Show your work.

③ $5\frac{2}{6} + 3\frac{1}{6} =$ _____

④ $1\frac{5}{8} + 2\frac{3}{8} =$ _____

⑤ $3\frac{3}{4} + 2\frac{3}{4} =$ _____

⑥ $3\frac{2}{5} + 1\frac{4}{5} + 2\frac{3}{5} =$ _____

Subtract. Show your work.

③ $4\frac{1}{2} - 3\frac{1}{2} =$ _____

④ _____ = $5\frac{8}{12} - 5\frac{3}{12}$

⑤ $4\frac{2}{5} - 1\frac{4}{5} =$ _____

⑥ _____ = $9\frac{4}{10} - 3\frac{8}{10}$

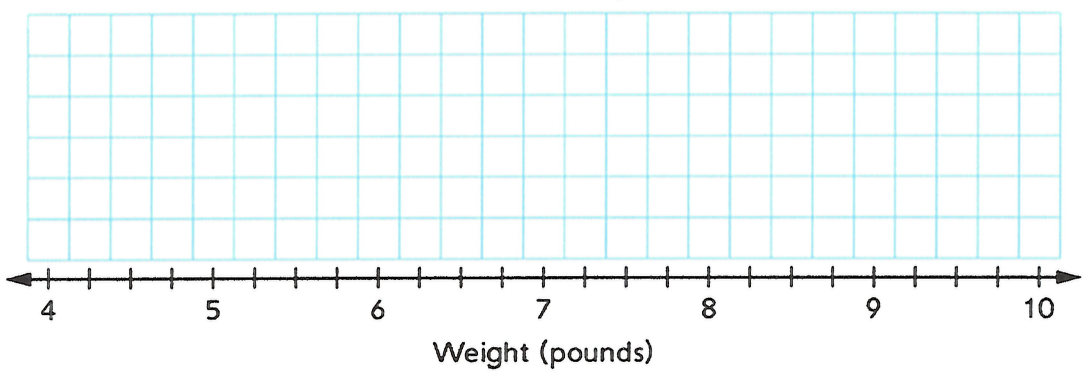
4 Create a line plot and answer questions using the data.



Backpack Weights (to the nearest $\frac{1}{4}$ pound)												
4	$6\frac{1}{2}$	$7\frac{1}{2}$	$4\frac{1}{2}$	$7\frac{1}{4}$	$5\frac{1}{4}$	$9\frac{1}{4}$	$6\frac{1}{2}$	$8\frac{3}{4}$	$9\frac{1}{2}$	$5\frac{3}{4}$	7	$7\frac{3}{4}$
$5\frac{3}{4}$	7	$7\frac{1}{4}$	$8\frac{1}{4}$	$6\frac{1}{4}$	$7\frac{3}{4}$	$9\frac{1}{4}$	$7\frac{1}{4}$	$4\frac{3}{4}$	$5\frac{1}{4}$	$5\frac{1}{4}$	$9\frac{3}{4}$	$7\frac{1}{4}$

Plot the data set on the line plot.

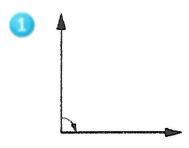
Backpack Weights



Use the completed line plot to answer the questions.

1 How many students carry a backpack that weighs $5\frac{1}{4}$ pounds?

5 Identify types of rotations and angles.



Amount of rotation: _____

6 Draw the matching part of a symmetrical shape.

