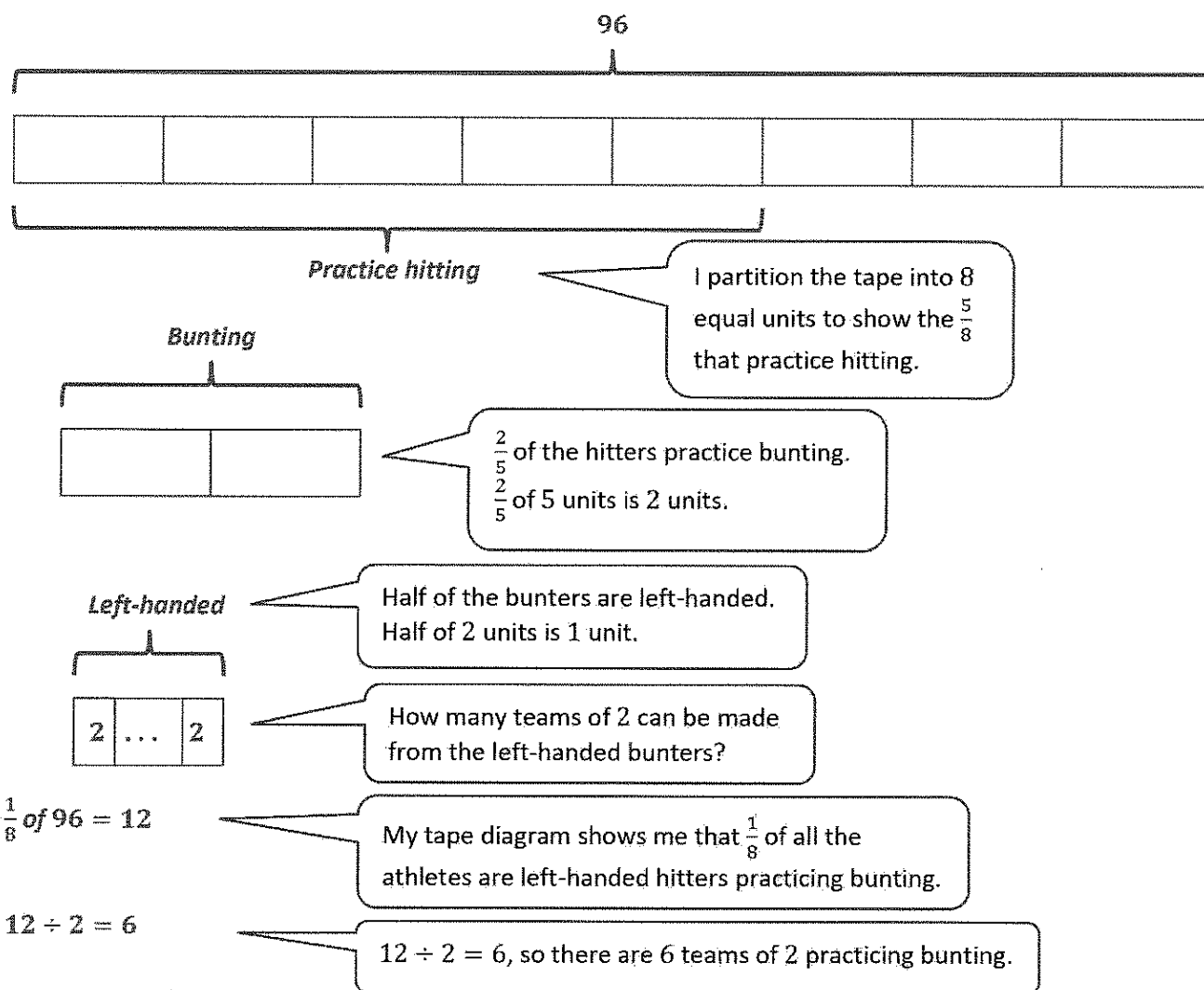## G5-M6-Lesson 24

Howard's Baseball Camp welcomed 96 athletes on the first day of camp. Five-eighths of the athletes began practicing hitting. The hitting coach sent $\frac{2}{5}$ of the hitters to work on bunting. Half of the bunters were left-handed hitters. The left-handed bunters were put into teams of 2 to practice together. How many teams of 2 were practicing bunting?

96

Practice hitting

I partition the tape into 8 equal units to show the $\frac{5}{8}$ that practice hitting.

Bunting

$\frac{2}{5}$ of the hitters practice bunting.
$\frac{2}{5}$ of 5 units is 2 units.

Left-handed

Half of the bunters are left-handed.
Half of 2 units is 1 unit.

2 ... 2

How many teams of 2 can be made from the left-handed bunters?

$\frac{1}{8}$ of 96 = 12

My tape diagram shows me that $\frac{1}{8}$ of all the athletes are left-handed hitters practicing bunting.

$12 \div 2 = 6$

$12 \div 2 = 6$, so there are 6 teams of 2 practicing bunting.

There are 6 teams of 2 practicing bunting.

EUREKA MATH   Lesson 24:   Make sense of complex, multi-step problems and persevere in solving   43
them. Share and critique peer solutions.

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G5-M1-HWH-1.3.0-07.2015