

Problem Solving Formative 1

Name: _____

Consider the following fantasy football scoring guide:

Touchdown: 6 points

Field Goal: 3 points

Fumble: -1 point

Interception: -2 points

Answer the following questions in two ways using a model, a number line, or a written problem.

1. Michelle's team scored a touchdown, 3 field goals, and had a pass interception. What is her fantasy score?

2. Ryan and Kari each have a team in a couple's league. Ryan's team scored three field goals and had two interceptions. Kari's team had 4 fumbles and an interception. What is their combined fantasy score?

3. Kristi earned \$50 weeding the garden, \$20 for walking her neighbor's dogs, and \$105 selling her old toys at the garage sale. On her way to the bank, she lost \$19.

- a. Use a number line to represent this situation.



- b. Write and solve an expression. Justify your answer.