## Unit 5 Lesson 13: Multi-step Measurement Problems with Fractions

### WU True or False: Some Number Times a Fraction (Warm up)

#### Student Task Statement

Decide whether each statement is true or false. Be prepared to explain your reasoning.

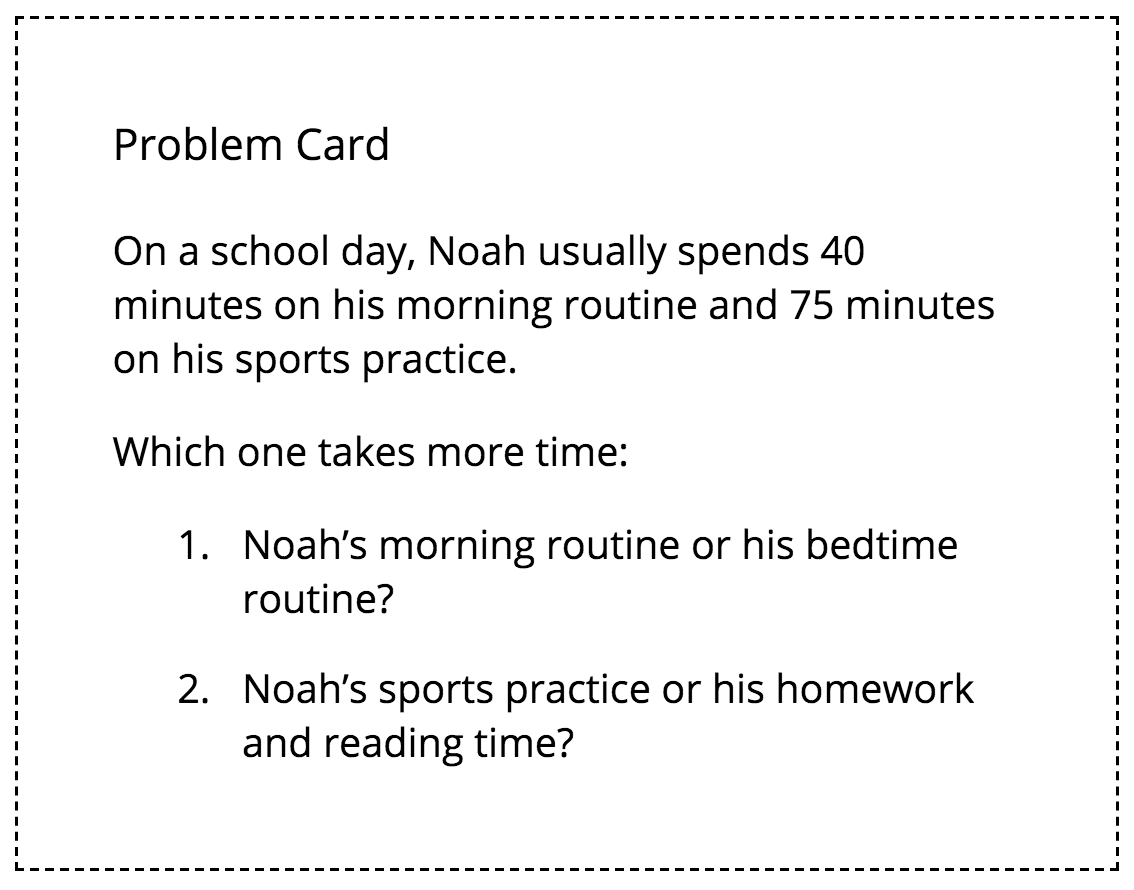


### 1 Info Gap: Noah’s School Day (Part 1)

#### Student Task Statement







### 2 Info Gap: Noah’s School Day (Part 2)

#### Student Task Statement

Your teacher will give you either a problem card or a data card. Do not show or read your card to your partner.



Pause here so your teacher can review your work.

Ask your teacher for a new set of cards and repeat the activity, trading roles with your partner.

### 3 Shopping List (Optional)

#### Student Task Statement

Here are six ingredients that a shopper bought and some clues about each quantity.

The items are listed in order of weight, from least to greatest.

| ingredient | pounds | ounces |
| --- | --- | --- |
| rice noodles |  |  |
| shrimp |  |  |
| tapioca flour |  |  |
| tofu |  |  |
| carrots |  |  |
| brown rice |  |  |





* The heaviest item weighs 4 times the weight of tofu.
* One ingredient weighs pound.
* The item that weighs 10 pounds is 10 times the weight of shrimp.
* The carrots are 3 times as heavy as the shrimp.
* The carrots are 2 times as heavy as the tapioca flour.
* Brown rice weighs 20 times as much as the weight of noodles.

Use the clues to find out the weight of each ingredient in both pounds and ounces.



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