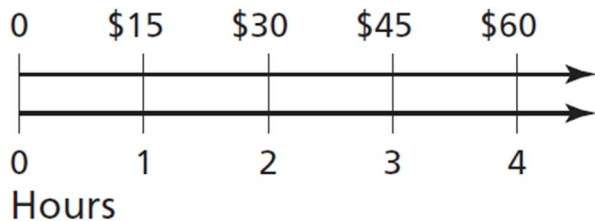


Topic: Unit Rate

Homework Day 3

Use the double number line to answer the questions below

1. Dollars



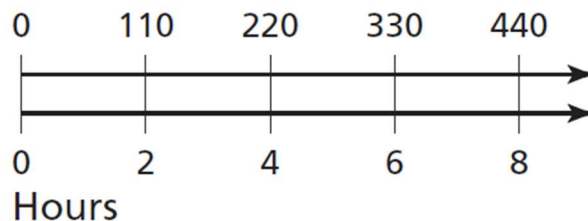
a) State two equivalent ratios as fractions.

_____, _____

b) What is the related rate?

c) How many dollars are in an hour?

2. Miles



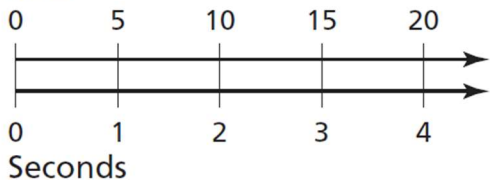
A) State two equivalent ratios as fractions.

_____, _____

B) What is the related rate?

C) How many miles are in one hour?

3. Feet



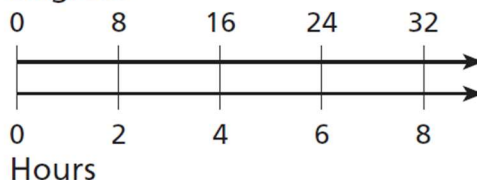
a) State two equivalent ratios as fractions.

_____, _____

b) What is the related rate?

c) How many feet are in a second?

4. Degrees



A) State two equivalent ratios as fractions.

_____, _____

B) What is the related rate?

C) How many degrees are in one hour?

Solve the problem. Use what you learned from the model.

You buy 3 tickets for \$48 total for the jazz concert on Friday night. Your friend buys 2 tickets for \$36 total for the jazz concert on Saturday night. Your brother collected \$96 from his friends to buy 6 tickets. Which night can they go to the concert? Did they buy the less expensive tickets? Explain.

Show your work. Use ratios, unit rates, models, and words to explain your thinking.

Where does the example...

- answer both parts of the problem?
- use words to explain?
- use numbers to explain?
- use models to explain?
- give details?

