

Name: _____ Teacher: _____ School: _____

Grade 6: Lesson 15 Solve unit rate problems involving constant speed and unit price

Solve the problems. You may use a calculator, if needed.

1. The price of a 7-minute call is \$1.40. What is the price per minute? What is the price of an 18-minute phone call?

2. A nursery owner buys 9 panes of glass to fix some damage to his greenhouse. The 9 panes cost \$26.55. Unfortunately, he breaks 2 more panes while repairing the damage. What is the cost of another 2 panes?

3. The Briggs family can hike 3 miles per hour. How long will it take them to hike 15 miles?

4. A cheetah ran 196 in 8 seconds. Select all of the statements that are true if the cheetah runs at a constant rate.

- ☐ The cheetah ran 125 meters in 6 seconds.
- ☐ After 10 seconds, the cheetah will run 245 meters.
- ☐ The cheetah ran 24.5 meters per second.
- ☐ The cheetah will run 1,470 meters in 1 minute.
- ☐ It took cheetah 5 seconds to run 125 meters.

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