

## 7.RP.2 PROPORTIONAL RELATIONSHIPS (UNIT RATE)

Name: \_\_\_\_\_

DATE: \_\_\_\_\_

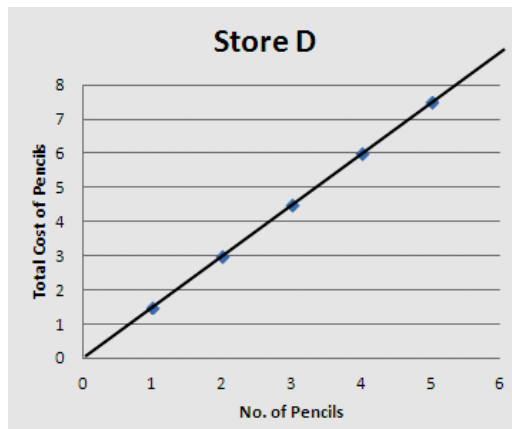
1) In which of the following will you be able to buy the lowest cost per pencil?

- A. **Store A:** \$110 for 88 pencils.
- B. **Store B:**  $C = 1.10p$  where C is the total cost of the pencil and p is the number of pencils.

C. **Store C:**

No. of Pencils	Total Cost
25	\$50.00
32	\$64.00
56	\$112.00

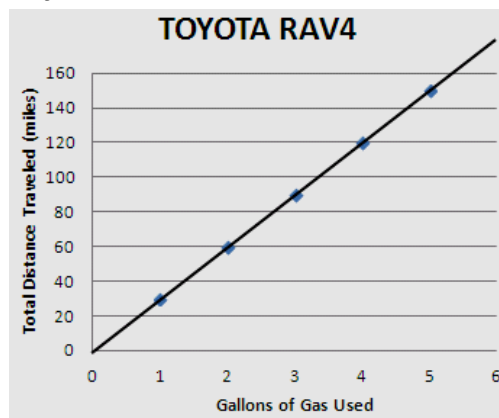
D. **Store D:**



2) Which car will travel the most distance (in miles) per gallon?

- A. The total distance that a **Toyota Prius** can travel in miles (M) given any gallons of gas (g) is given by  $M = 35g$ .
- B. A **Toyota Sienna** used 2.5 gallons to travel 55 miles.

C. **Toyota Rav4**



D. **Toyota Camry**

No. of Pencils	Total Distance
2	50 miles
3	75 miles
5	125 miles

**WRITE:** How did you know which store would sell the cheapest pencil?

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