Name_____ Class_____ Date_____

**1** What is *x is to 45* as *9 is to 90* written as a **proportion**?

A $\frac{x}{9} = \frac{90}{45}$　　C $\frac{x}{45} = \frac{9}{90}$

B $\frac{x}{45} = \frac{90}{9}$　　D $\frac{45}{x} = \frac{9}{90}$

**2** Lindsey is building a model of her house. She wants to use the ratio of **1 inch** for every **5 feet**. If her house is **35 feet** tall, which **proportion** should she use to get the height of her model?

A $\frac{1}{35} = \frac{x}{5}$　　C $\frac{1}{5} = \frac{x}{35}$

B $\frac{x}{5} = \frac{35}{1}$　　D $\frac{35}{5} = \frac{1}{x}$

**3** Mariah is making a batch of cookies. A batch needs **3 cups** of flour and **2 cups** of oatmeal to make enough cookies for **16** people. If Mariah wants to make enough cookies for **80** people, what **proportion** could she use to find how much **flour** is needed?

**4** Logan is reading a novel. He reads two chapters in **38** minutes. The novel is **57** chapters long. How long will it take him to read the novel?

**5**

PREVIEW

Please **Sign In** or **Sign Up** to download the printable version of this worksheet

**7**

A fruit stand
B store
C same price
D need more information

A Good Gas
B Friendly Gas
C same price
D need more information

**9** A farmer grows beans and sells them to grocery stores. Food Town will pay him **$45** for **26 lb** of beans. Grocery City will pay him **$52** for **32 lb** of beans. He wants to make the most money he can.
To **which store** should he sell his beans?

A Food Town
B Grocery City
C same price
D need more information

**10** A baker needs flour. He can buy it bulk for **$7.50** for **25 lb** or buy it at Save-a-Lot for **$1.35** for **5 lb**. If he buys the flour for the cheaper price, how much money will he save if he buys **375 lb**?

A $0.27　　C $11.25
B $0.30　　D $12.80

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D

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D

**5**

C

**7**

**PREVIEW**

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A fruit stand
B store
C same price
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B

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