Option C

This example is based on a topic of multiplying and dividing whole numbers.

Description: Create a study guide with 10 problems of the following sections.

* Adding and Subtracting Fractions with Like Denominators
* Adding and Subtracting Fractions with Unlike Denominators
* Adding and Subtracting Mixed Numbers

That means you will have a total of 30 questions. You must have at least three word problems; one in each section.

It should be arranged neatly and include headings and directions. This should look something like the practice worksheets you receive to help you study. Make sure to give me a blank copy and include an answer key.

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

Multiplying Whole Numbers  
**Multiply both numbers and put your answer in the blank.**

1.) 13 x 4 \_\_\_\_\_\_\_\_\_\_ 3.) 2 x 55 \_\_\_\_\_\_\_\_\_\_ 5.) 17 x 6 \_\_\_\_\_\_\_\_\_\_

2.) 6 x 28 \_\_\_\_\_\_\_\_\_\_ 4.) 1 x 9 \_\_\_\_\_\_\_\_\_\_ 6.) 4 x 12 \_\_\_\_\_\_\_\_\_\_

7.) 5 x 9 \_\_\_\_\_\_\_\_\_\_ 8.) 14 x 7 \_\_\_\_\_\_\_\_\_\_ 9.) 8 x 3 \_\_\_\_\_\_\_\_\_\_

10.) **Writing to Explain.** If you had six dollars and your friend had seven dollars, how much money would you have between the two of you if you both doubled your dollars? How do you know? \_\_\_\_\_\_\_\_\_\_\_\_\_  
\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Dividing Whole Numbers   
**Divide both numbers and put your answer in the blank.**

1.) 8 ÷ 2 \_\_\_\_\_\_\_\_\_\_ 3.) 24 ÷ 3 \_\_\_\_\_\_\_\_\_\_ 5.) 35 ÷ 5 \_\_\_\_\_\_\_\_\_\_

2.) 90 ÷ 9 \_\_\_\_\_\_\_\_\_\_ 4.) 49 ÷ 7 \_\_\_\_\_\_\_\_\_\_ 6.) 16 ÷ 8 \_\_\_\_\_\_\_\_\_\_

7.) 56 ÷ 3 \_\_\_\_\_\_\_\_\_\_ 8.) 80 ÷ 4 \_\_\_\_\_\_\_\_\_\_ 9.) 72 ÷ 6 \_\_\_\_\_\_\_\_\_\_

10.) This weekend you have a friend coming over to watch a movie. Your mom always sets out ten cookies during movies. If you and your friend get the same amount of cookies, how many will you get?  
\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Multi-Step Problems   
**Follow the order of operations. Then put your answer in the blank.**

1.) 2 x 10 ÷ 5 \_\_\_\_\_\_\_\_\_\_ 3.) 70 ÷7 x 3 \_\_\_\_\_\_\_\_\_\_ 5.) 5 x 6 ÷4 \_\_\_\_\_\_\_\_\_\_

2.) 8 ÷2 x 6 \_\_\_\_\_\_\_\_\_\_ 4.) 44 x 1 ÷ 2 \_\_\_\_\_\_\_\_\_\_ 6.) 18 ÷6 x 3 \_\_\_\_\_\_\_\_\_\_

|  |  |
| --- | --- |
| **Food** | **Price** |
| Hamburger | $5 |
| Hot Dog | $3 |
| Side of Chips | $2 |

7.) 9 x 5 ÷5 \_\_\_\_\_\_\_\_\_\_ 8.) 21 ÷3 x 8 \_\_\_\_\_\_\_\_\_\_ 9.) 12 x 7 ÷2 \_\_\_\_\_\_\_\_\_\_

10.) Sarah goes to the park. She decides to order lunch for   
her and a friend. Is it cheaper for her to buy two hamburgers   
or two hot dogs with one side of chips?  
**A.** Two hamburgers is cheaper **B.** Twohot dogs with one side of chips is cheaper **C.** They both cost the same

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

KEY

Multiplying Whole Numbers  
**Multiply both numbers and put your answer in the blank.**

**102**

**110**

**52**

1.) 13 x 4 \_\_\_\_\_\_\_\_\_\_ 3.) 2 x 55 \_\_\_\_\_\_\_\_\_\_ 5.) 17 x 6 \_\_\_\_\_\_\_\_\_\_

**48**

**9**

**168**

2.) 6 x 28 \_\_\_\_\_\_\_\_\_\_ 4.) 1 x 9 \_\_\_\_\_\_\_\_\_\_ 6.) 4 x 12 \_\_\_\_\_\_\_\_\_\_

**24**

**98**

**45**

7.) 5 x 9 \_\_\_\_\_\_\_\_\_\_ 8.) 14 x 7 \_\_\_\_\_\_\_\_\_\_ 9.) 8 x 3 \_\_\_\_\_\_\_\_\_\_

10.) **Writing to Explain.** If you had six dollars and your friend had seven dollars, how much money would you have between the two of you if you both doubled your dollars? How do you know? \_\_\_\_\_\_\_\_\_\_\_\_\_  
\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**have a total of 26 dollars. You take 6 + 7 to get 13 and then take 13 x 2.**

**We would**

Dividing Whole Numbers   
**Divide both numbers and put your answer in the blank.**

**7**

**8**

**4**

1.) 8 ÷ 2 \_\_\_\_\_\_\_\_\_\_ 3.) 24 ÷ 3 \_\_\_\_\_\_\_\_\_\_ 5.) 35 ÷ 5 \_\_\_\_\_\_\_\_\_\_

**2**

**7**

**10**

2.) 90 ÷ 9 \_\_\_\_\_\_\_\_\_\_ 4.) 49 ÷ 7 \_\_\_\_\_\_\_\_\_\_ 6.) 16 ÷ 8 \_\_\_\_\_\_\_\_\_\_

**12**

**20**

**17**

7.) 51 ÷ 3 \_\_\_\_\_\_\_\_\_\_ 8.) 80 ÷ 4 \_\_\_\_\_\_\_\_\_\_ 9.) 72 ÷ 6 \_\_\_\_\_\_\_\_\_\_

10.) This weekend you have a friend coming over to watch a movie. Your mom always sets out ten cookies during movies. If you and your friend get the same amount of cookies, how many will you get?  
\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**10 cookies split by two people would give us each five cookies.**

Multi-Step Problems   
**Follow the order of operations. Then put your answer in the blank.**

**6**

**30**

**4**

1.) 2 x 10 ÷ 5 \_\_\_\_\_\_\_\_\_\_ 3.) 70 ÷7 x 3 \_\_\_\_\_\_\_\_\_\_ 5.) 4 x 6 ÷4 \_\_\_\_\_\_\_\_\_\_

**9**

**22**

**24**

2.) 8 ÷2 x 6 \_\_\_\_\_\_\_\_\_\_ 4.) 44 x 1 ÷ 2 \_\_\_\_\_\_\_\_\_\_ 6.) 18 ÷6 x 3 \_\_\_\_\_\_\_\_\_\_

**42**

**56**

**9**

|  |  |
| --- | --- |
| **Food** | **Price** |
| Hamburger | $5 |
| Hot Dog | $3 |
| Side of Chips | $2 |

7.) 9 x 5 ÷5 \_\_\_\_\_\_\_\_\_\_ 8.) 21 ÷3 x 8 \_\_\_\_\_\_\_\_\_\_ 9.) 12 x 7 ÷2 \_\_\_\_\_\_\_\_\_\_

10.) Sarah goes to the park. She decides to order lunch for   
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