Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Homework Week 1.8

Students have choice this week in their homework; choose ONE out of the four:

1. If you don’t complete a challenge, you must complete all problems on worksheet.
2. Choose one challenge math problems and complete 8 problems on worksheet
3. Choose two challenge math and complete 5 problems on worksheet
4. Choose three challenge math and complete 2 problems on worksheet

**Use the following chart for questions 1-3**



1. How long can the tail of a male Bengal Tiger be?

**48 inches**



1. How far can a kangaroo travel in 5 seconds?

**90 feet**

1. The largest of all zebras is the Grevy’s zebra. A male Grevy’s zebra, on average, weighs 431 kilograms. The average female Grevy’s zebra weighs 386 kilograms. How much more does a male Grevy’s zebra weigh than a female Grevy’s zebra?

**45 kilograms**

**Solve:**

1. 8 x 3 = (4 x 3) + (4 x \_\_\_\_) = ?

**3**

1. 3 x 13 = (3 + \_\_\_) = (3 x \_\_\_) + (3 x 3) = \_\_\_\_

**36, 10, 39**

1. Give an example of each property:
	1. Commutative Property of Addition:

**1+2=2+1**

* 1. Commutative Property of Multiplication:

**1x2=2x1**

* 1. Associative Property of Addition:

**1+(2+3)=(1+2)+3**

* 1. Associative Property of Multiplication:

**1x(2x3)=(1x2)x3**

1. Why isn’t there a Commutative or Associative Property of Subtraction or Division? Explain your answer: **See teacher**

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1. Frank wrote 3 x 6 to describe the total number of paper clips shown. Alexa wrote 6 x 3. Who is correct? Explain. **See Teacher**



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1. 34 x 56 = **1904**
2. 87 x 76 = **6612**
3. 176 x 7=**1232**
4. 598 x 8= **4784**
5. 89 x 46=**4094**
6. 762 x 9= **6858**

**Challenge Questions: Posted in classroom**







