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?



1. How far can a kangaroo travel in 5 seconds?
2. 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?

**Solve:**

1. 8 x 3 = (4 x 3) + (4 x \_\_\_\_) = ?
2. 3 x 13 = (3 + \_\_\_) = (3 x \_\_\_) + (3 x 3\_ = \_\_\_\_
3. Give an example of each property:
	1. Commutative Property of Addition:
	2. Commutative Property of Multiplication:
	3. Associative Property of Addition:
	4. Associative Property of Multiplication:
4. Why isn’t there a Commutative or Associative Property of Subtraction or Division? Explain your answer:

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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.



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1. 34 x 56
2. 87 x 76
3. 176 x 7
4. 598 x 8
5. 89 x 46
6. 762 x 9

**Challenge Questions:**







