# Ms. Price's Final Exam Study Guide <br> $7{ }^{\text {TH }}$ Grade Standards <br> MAY 2018 

Use this review guide to prepare and study for the $7^{\text {th }}$ grade concepts that will be on the final exam.

## 1. YOU WILL NEED TO KNOW HOW TO DO THE FOLLOWING:

a. Convert between decimals and fractions
b. Know and apply integer operation rules for adding, subtracting, multiplying, and dividing
c. Identify and apply the 4 angle pair relationships (adjacent angles, vertical angles, supplementary angles, and complementary).
2. Sample Problems
a. Explain the difference between a terminating decimal and a repeating decimal.
b. List the steps for converting fractions to decimals.
c. List the steps for converting decimals to fractions.

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d. Convert . 65 to fraction.
e. Convert $\frac{4}{12}$ to a decimal.
f. Explain how to add integers if the signs are different.
g. Explain how to subtract integers?

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h. What are the rules for multiplying and dividing integers?
i. $-16+24$
j. $34-(98)$
k. $-63 \div 9$

1. $45 \cdot(-12)$

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m . What are complementary angles?
n. What are vertical angles?
o. What are adjacent angles?
p. What are supplementary angles?

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Use the following diagram to answer the next question

q. Name a pair of adjacent angles and identify the common ray.
r. What is the $m \angle \mathrm{EAC}$ ?
s. Name a pair of vertical angles.
t. Identify the angle pair that is both complementary and adjacent.
u. What is the $m \angle \mathrm{EAF}$ ?
v. What is the $m \angle \mathrm{DAC}$ ?

