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**MINISTRY OF EDUCATION, SCIENCE, VOCATIONAL TRAINING & EARLY CHILDHOOD EDUCATION**

**CHAMA BOARDING SECONDARY SCHOOL VERSUS CHAMA DAY SECONDARY SCHOOL**

 **MUCHINGA PROVINCE**

**SENIOR MATHEMATICS JETS QUIZ**

**DATE GIVEN: Thursday, 20 March 2014**

**TIME ALLOCATION: 1 Min / Question Unless Specified In the Respective Question**

1. If x = 2 and y = -3, the value of x - y is

**Answer: 5**

1. What is the value of sin 30ᵒ?

**Answer: 0.5 or** $\frac{1}{2}$

1. Express 0.0557 when expressed correct to two decimal places is…

**Answer: 0.06**

1. The cost of three meters of electrical cable in Katson Hardware shop is K12.90n. Find the cost of 7 meters.

**Answer: K30.10n**

1. Give the position vector of point B (3, -2).

**Answer:  =** $\left(\begin{matrix} 3\\-2\end{matrix}\right)$

1. Chama Boarding Secondary School bus weighs 4 000 kg when empty. When loaded with 20 crates it weighs 4, 080 kg. Find the mass of one crate.

**Answer: 4 kg**

1. Mr. Phiri buys 3 blue and 2 yellow bubble gums from the tuck-shop. He picks two bubble gums at random and he chews them. Find the probability that both bubble gums are blue.

**Answer:** $\frac{3}{10}$