



Creating a learning environment that leads to success, excellence, glory and prosperity under the Islamic values

MATH DEPARTMENT

DATE:-...../...../2019

STUDENT'S NAME:- CLASS: 7 -A

REVISION SHEET

Q1:Definitions:

(a) Percent increase:

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(b)Percent decrease:

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(c) Markup:

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(d)Sales tax:

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(e) Simple interest:

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(f) Principal:

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(g) Expression:

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(h) Equation:

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Q.2: A dog sled driver added more gear to the sled, doubling its weight. This felt too heavy so the driver removed 20 pounds to reach the final weight of 180 pounds. Write and solve an equation to find the sleds original weight.

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Q.3: Find the percent increase and decrease.

(a) 36 to 63:

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(b) 40 to 72:

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(c) 50 to 35:

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(d) 92 to 69:

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Q.4: Find the new amount, original amount and percent change is given:

(a) \$9 ; 10%

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(b) 48 cookies; 25%

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(c) 810 songs; 130%

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Q.5: The grizzly bear population in Yellowstone National park in 1970 was about 270. Over the next 35 years, it increased by about 115%. What was the population in 2005?

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Q6: Solve:

(a) $6s + 3 = 52$

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(b) $4s + 6 = 42$

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(c) $-17 + b/8 = 13$

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(d) $7(c-12) = -21$

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(e) $-3 + p/7 = -5$

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Q7: Find markup and sale price:

(a) Hat : 18\$, Markup % = 15 %

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(b) Shirt : 33.75\$, Markup % = 75 %

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Q8: Joe borrowed 2000\$ from the bank at a rate of 7% simple interest per year. How much interest did he pay in 5 years?

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Q9:Alices's bill comes 30\$ before tax,If she pays 6.25 % and she tips the waiter 25 % how much will the meal cost?

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Q10:Officer Brimberry wrote 16 tickets for traffic violations last week ,but only 10 ticket this week.What is the percent decrease.

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