Wednesday, October 31, 2012

Reminder: If you have a signed quiz that hasn't been checked in, leave : out on your desk while working on your TISK problems

TISK Problems

- 1) Simplify: -8p 6m (-8p + 3m)
- 2) Solve for $x: \frac{9}{x} = \frac{30}{50}$
- Convert the number to a decimal and a percent: ²/₆

No Mental Math today

Homework: 9-8 Worksheet OR Finish your write-up (** your choice)







Key Idea: Possible Outcomes = Favorable Outcomes + Unfavorable Outcomes **§9-8 Odds** • You have a fair 20-sided die. Find the odds against rolling a prime number. Favorable Outcomes: ² 3 5 7 ¹¹ ¹³ ¹⁷ ¹⁹ Number of Favorable Outcomes = 8 Number of Unfavorable Outcomes = 12 Odds against rolling a prime number: 3:2 Wait! Ratios can be reduced just like fractions!



§9-8 Odds					
• If the probability of a certain event occurring is $\frac{3}{5}$ what are the odds <i>in favor</i> of the event?					
P(mumber of favorable outcomes = 3					
r (eveni	nur	number of possible outcomes 5			
To calculate the odds <i>in favor</i> of an event					
Number of favorable outcomes : number of unfavorable outcomes					
	3	:	2		
5	=	3	+	X	
Possible Outcomes = Favorable Outcomes + Unfavorable Outcomes					



