

# MasterMath

Name \_\_\_\_\_

## The Percent Equation

Date \_\_\_\_\_

1. **Please fill in the blanks. Round decimals to 3 decimal places. Round percentages to 1 decimal place. Simplify fractions.**

%	Decimal	Fraction
16.0%		
	0.588	
14.5%		
		2/9
	0.328	
78.0%		

%	Decimal	Fraction
	0.458	
		3/5
57.6%		
		19/100
88.0%		
	0.123	

2. **You got 80% or the questions correct on the last math test. You got 52 questions correct. How many questions were on the math test?**

3. **Josie was a great pitcher. 78% of the pitches she threw were strikes. If she threw 145 pitches, how many would you predict to be strikes?**



4. **What number is 48% of 240?**

5. **The price of tickets to the concert are \$45.00, but your church has been offered a 25% discount. How much will you have to pay for each ticket after the discount?**

6. **There was 6% sales tax added to your purchase price for the dress. With tax, you paid \$58.30 for the dress. What was the pre-tax price?**

7. **The ratio of boys to girls was 3:1. What percentage were boys? (HINT: look at picture.)**

