

# MasterMath

Name \_\_\_\_\_

## Dividing Decimals

Date \_\_\_\_\_

1.

divisor	dividend	answer
4	2.65	
3.2	.4	
1.68	.23	
2	.5	
16	8.5	
4.15	8.3	
9.9	3.3	

divisor	dividend	answer
6	1.8	
3.5	.6	
2.22	4.6	
11	21.5	
2.8	5.6	
7.62	12.5	
1.235	2.67	

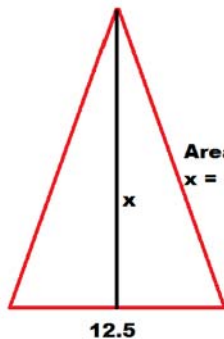
2. You spent \$15.60 last month on text messages. You sent 78 text messages. How much did each text message cost?

3. A 20 oz bottle of catsup costs \$4.65. You can also buy a 12 oz bottle for \$2.99. Which is cheaper per oz?

4. In 2009, *YouTube* was visited by .12 billion viewers. *Hulu* that year had .038 billion viewers. How many times larger was *YouTube*'s viewer count than *Hulu*'s?

5. The average price of gas in El Paso is \$3.60. The average price in all of Texas is \$3.75. Your car holds 18 gallons of gas. What decimal shows the cost of filling up in El Paso compared to the cost of filling up on average in Texas?

6. The area of a triangle is  $.5 * b * h$ . The triangle below has an area of 112.5, and a base of 12.5. What is the height (x)?



$$\text{Area (a)} = 112.5 = .5 * 12.5 * x$$
$$x = 112.5 / (.5 * 12.5) = 112.5 / 6.25$$

7. Fred rode his bike to school and back 6 times. He rode a total of 7.8 miles. How far is it to school?