

**ANSWER, FIND, AND SHADE  
MISCELLANEOUS WORD PROBLEMS**

**ANSWERS**

If you take a rectangle and divide it in half, you will have two rectangles. If you divide each of these in half, you will have 4 rectangles. If you take a different rectangle and try the same process, how many times will you have to cut the pieces in half to get 256 rectangles?

**8 times**

Kelly plays on her high school basketball team. In the last 5 games she has made 17 points, 22 points, 19 points, 11 points, and 13 points. What is the range for the points made by Kelly?

**11 points**

The Horizon Phone company charges a basic usage fee of \$20 per month for 300 minutes of talk time. Any additional minutes are charged \$0.09 per minute. If Kiwi's bill was \$24.23 for the month of June, how many additional minutes did she use?

**47 minutes**

Washington High School is putting on a school play. They decide to charge \$3.50 for main floor seats and \$2 for balcony seats. If the school sold twice as many main floor seats as balcony seats and made \$855, how many balcony seats did they sell?

**95 seats**

Sara's front yard and back yard total 722 square meters. Both yards are the exact same size and square in shape. How many meters is the width of the front yard?

**19 meters**

Jeff walked 4 feet to the left, three times farther backwards, 2 feet forward, and then five times farther than that to the right. How many total feet did he walk?

**28 feet**

Allan's yard is 64 square yards and in the shape of a square. Xena's yard is similar to his yard, but is 576 square yards. How many times larger is Xena's width to Allan's corresponding side?

**3 times**

Stan bought five shirts for the new school year. He paid \$17.50, \$23.25, \$26.00, \$30.25, and \$23.00 for the five shirts. What was the mean for all five shirts?

**\$24**

Becky is twice as old as Daren. Letty is 4 years younger than Vigor. Daren is 6 years older than Letty. If Vigor is 11 years old, how old is Becky?

**26 years old**

Pallo has \$423.00 in his savings account. He earns \$128.00 a week cleaning his father's restaurant. If Pallo saves all his earnings, how many weeks will it take him to have \$930 in his savings account?

**4 weeks**

Farmer Community College has 1,248 students. If 416 of the students are male and the rest are female, how many times more females are there to males?

**2 times**

What is the value of x?

$$2(x + 5) - 4(2x - 82) = 32$$

**x = 51**

Sara's bought four CD's that cost \$11.11 each. If the local tax rate is 8%, how much did she have to pay?

**\$48**

