

FMA TMC – ZONE
YEAR 5 – 2015

YR5/1 The price of the house used to be $\frac{3}{4}$ of a million dollars, but now it is only \$475,000. How many dollars has the price been reduced?

YR5/2 A rectangle measures $4\frac{2}{3} \times 3\frac{3}{7}$ centimetres. What is its area? Simplify your answer.

YR5/3 In track last week, the boys ran sixteen laps. The girls ran four more laps. Each lap is a quarter of a kilometer. How many kilometers did the girls run?

YR5/4 A company donates 935 pencils to a school. The pencils are divided evenly among 9 classrooms. The rest of the pencils are given to the library. How many pencils were donated to each classroom?

YR5/5 Anaya collected 1,003 fifty cent coins in a jar. She went to the bank to cash them in. How much money did the bank give Anaya?

YR5/6 What is the sum of the factors of 12?

YR5/7 Jacob bought 15 books. He paid \$11 for each book. He later sold all 15 books for \$25 each. What is the difference between the total amount of money Jacob sold the books for and the total amount of money he paid for the books?

YR5/8 Mrs. Baker has 6 pizzas. Each pizza has 6 slices. She sold one- fourth ($\frac{1}{4}$) of the pizza slices. How many slices were left?

YR5/9 Shyaam learned that \$2 022.00 worth of tickets was sold at the carnival. If tickets cost 4 for \$ 6.00, how many tickets were sold?

YR5/10 The recipe Mrs. Sita is using calls for $2\frac{1}{3}$ cups of flour. She only has a container that holds $\frac{1}{3}$ of a cup. How many times should she fill the container with flour?

YR5/11 Mrs. Mosese traveled 6, 760 kilometers to Japan. She read one book every 450 kilometers she traveled. How many books had she finished when she got to Japan?

YR5/12 Magellan has decided to make party baskets for the fund raiser. Balloons are sold in bags of 20, party horns are sold in bags of 10, and there are 8 candy bars in a package. How many of each should he buy so there are an equal number of balloons, horns and candy bars in each of the 10 baskets?

YR5/13 Tina's cat weighs 2.6 kilograms. Her dog weighs 4 times as much as her cat. How much does her dog and cat weigh together in grams?

YR5/14 Shaunita has a deal with her parents. She can go to Girl Guides Camp if she can save \$140. She had eight months and planned to save \$3 more than the month before. If she saved \$7 the first month, how much does she have after 5 months?

YR5/15 A military clock, instead of having the numbers 1 through 12, has the numbers 1 through 24 evenly spaced around the circular face. What is the number directly across from 19?

YR5/16 A bakery received a shipment of 40 peaches. If it takes 4 peaches to bake a peach pie, what fraction of the peaches imported will be used to bake two peach pies?

YR5/17 Cindy took a test with 25 questions. For every question she got right, she earned 4 points, and for every question she got wrong, she lost 1 point. She answered every question, and got a score of 80. How many questions did she get right?

YR5/18 What are the prime factors of 90?

YR5/19 Mr. Tava bought a new car for \$19 990. He added air conditioning for \$1350 and a CD player for \$ 450. He then sold his car for \$ 23 500. How much money did he make?

YR5/20 Complete the subtraction Algorithm below:

$$75\,384 - 348.02 - 5\,658 - 2\,918 - 16\,742 - 38\,965 =????$$

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Tie Breaker

YR5/21 Manasa runs 5536 m each day. At this rate, how many kilometers will he run in 7 days?

YR5/22 If Pita ate $\frac{1}{4}$ of a pizza and Ramesh ate $\frac{3}{8}$ of a pizza, how much pizza was left?
