

Singapore 3rd Grade Math Worksheet: 12

Mass, Length, Volume, Money and Time

Name: _____

Date: _____

Math Problem 1

Boxer Boss owns a huge dog bone factory. He hired two salesmen last year, Rob and Bob, to sell the bones. Rob sells \$49 worth of bones each week. Bob, who is very hardworking, sells \$77 worth of bones each week. How much more money than Rob does Bob make for Boxer Boss in 5 days?



Math Problem 2

I got lost in a swamp last night. I finally grew so tired that I fell asleep on a rotting log in despair. I woke up in the morning screaming in horror because 9 slimy snails and 9 fat leeches were crawling all over my face. The total mass of the snails was 2 kg 700 g. The total mass of the leeches was 4 kg 500 g. I accidentally swallowed 4 leeches and 4 snails when I was screaming my head off. What was the difference between the total mass of the leeches and the total mass of the snails I swallowed?

Math Problem 3

Carla has two amazing circus horses, Neigh and Whinny. The horses can climb ropes and poles, no matter how high they are. On Monday, Neigh climbed 5 poles that were attached to each other. The total height of the poles was 7 m. Whinny climbed 5 ropes that were tied together to a total height of 13 m. Neigh and Whinny caught a cold on Tuesday. So Neigh only climbed 2 poles and Whinny only climbed 2 ropes. What was the difference in height they climbed on Tuesday?



Math Problem 4

Disgusting Dombey loved saliva soup. The only thing he loved better than that was snot stew. He drank 6 cups of mouthwatering saliva soup and 6 bowls of scrumptious snot stew last night. The total capacity of the 6 cups was 19 1200 ml. The total capacity of the 6 bowls was 28 1200 ml. Dombey forced his wife to drink 3 cups of saliva soup and 3 bowls of snot stew. After drinking, she threw up and ran away from him. How much more snot stew than saliva soup did his wife drink?

Math Problem 5

I went to the circus yesterday and was delighted to see a fabulous iguana cycling and balancing 293 fruits, namely durians and pineapples, on its head. However, 43 of the fruits fell when the poor iguana stumbled. There were 4 times as many prickly durians as pineapples still left on the iguana's head. So how many more durians than pineapples were still on its head?



Math Problem 6

When I opened the door to my bathroom last week, I was shocked to see 852 werewolves shaving in front of the mirror. 552 werewolves howled in surprise and escaped through the window. There were 5 times as many pretty female werewolves as male werewolves left in my crowded bathroom after that. How many more female werewolves than male werewolves were still shaving their bodies?

Math Problem 7

Dillon Dog is a great dancer. He always has a cane and a top hat with him whenever he dances on stage. He had altogether 442 canes and top hats in his wardrobe. Last night, a gang of desperate thieves stole 322 of his canes and top hats. Now he has 3 times as many top hats as canes left. How many more top hats than canes does he have now?



Math Problem 8

A creepy centipede had altogether 759 legs. One unlucky day, a fat elephant stepped on the centipede. The poor centipede lost 651 legs that day. Now it has 8 times as many left legs as right legs. How many more left legs than right legs does the poor centipede limp on now?

Math Problem 9

Father John was delighted when Mother Marla gave birth to triplets. They named their triplets Ed, Zed and Brad. The total weight of the triplets was 7 kg 600 g. Cute Zed was 300 g heavier than Ugly Ed. Burly Brad was 700 g heavier than Zed. What was the mass of Zed?



Math Problem 10

Explorer Eddie was jungle trekking when he fell into a snake pit. In the pit was a viper, a cobra and a python. While the cobra and the viper were biting his ankles and the python was busy constricting his neck, he managed to figure out that the total length of the snakes was 16 m 26 cm. The cobra was 1 m 47 cm longer than the viper. The python was 2 m 7 cm longer than the cobra. What was the length of the longest snake?

Math Problem 11

Father Tortoise told his 3 sons that the boy who could dive the deepest would get a special pearl necklace. The 3 boys, Flipper, Splash and Bubble, immediately dived into the ocean. They reached a total depth of 54 km 250 m. Splash swam 2 km 300 m farther than Flipper. Bubble swam 4 km 650 m farther than Splash before he met his untimely end in the jaws of a giant squid. How deep did Splash dive?



Math Problem 12

Three murderers were sent to hell when they died. The Big Boss Devil told them that the person who could carry the fattest devil for the longest time would get a cold milkshake. The 3 of them were able to lift the pudgy devil for a total of 5 h 3 min. Evil Snivel carried the obese devil 1 h 15 min longer than Deadly Duncan. Killer Conrad carried the bulky devil 33 min longer than Evil Snivel. However, Killer Conrad didn't get to drink his milkshake because he lost his grip in the end and the fat devil ended sitting up on his head, thus crushing it. How long did the valiant Killer Conrad hold up the corpulent devil?

Math Problem 13

A hippo, a croc and a tiger entered a hula hoop twirling competition. The grand prize was a big fat juicy barbecued Singapore Math teacher. The 3 of them twirled for a total of 2 h 25 min. The croc twirled his hula hoop 15 min longer than the tiger before he fainted in exhaustion. The hungry hippo twirled twice as long as the croc. How long did the grand prize winner twirl?



Math Problem 14

I entered a wacky restaurant and ordered a grilled monkey, a parrot pie and snake stew for my family. I paid a total of \$83 to the waiter. The tasty parrot pie cost \$17 more than the grilled monkey. If the delicious snake stew cost twice as much as the parrot pie, how much did the snake stew cost?

Math Problem 15

The puffins were throwing water balloons at each other. Peter Puffin had a red balloon, a blue balloon and a green balloon with him. He threw the 3 balloons at Pablo Puffin and knocked him out. The total capacity of the 3 balloons was 5 1400 ml. The capacity of the blue balloon was 1 1200 ml more than the red balloon. The capacity of the green balloon was twice as much as the blue balloon. What was the capacity of the green balloon?



Math Problem 16

Alan, Sharon and Warren were snorkeling in the Red Sea when they suddenly spotted a ferocious bull shark. They swam a total of 4 km 800 m in desperation to elude the shark. Alan swam 1 km 300 m more than Sharon. Warren swam twice as far as Alan. How far did Alan swim?

Math Problem 17

Three sisters, Janice, Alice and Bernice, had a problem. Each of them had a tail like a monkey. So they went for an operation to remove their silly looking tails. The 3 operations lasted for a total of 5 h 5 min. Alice's operation lasted 35 minutes longer than Janice's operation. Bernice's operation lasted twice as long as Alice's operation because her tail was terribly thick and long. How long did Alice's operation last?



Math Problem 18

I took part in a wrestling competition against an obese ogre and a fat fairy. Our total weight was 59 kg 940 g. The fat fairy was 3 kg 980 g heavier than me. The obese ogre was twice as heavy as the fat fairy. I kicked the daylight out of the fairy easily. The ogre was a tough opponent but I finally managed to pummel him into submission. What was the weight of the tough ogre?

Math Problem 19

Our pet python loves ball games as well as balls. He slithered into my room yesterday and swallowed a basketball, a tennis ball and a golf ball that I had kept in my closet. He had terrible diarrhea after that. The total diameter of the 3 balls was 4 m 64 cm. The tennis ball was 46 cm longer than the golf ball. The basketball was 4 times as long as the tennis ball. What was the diameter of the tennis ball?



Math Problem 20

Gary Ghoul was hungry. Wilma Witch had a dead body of a bald math teacher, a fat farmer and a toothless dentist with her. Gary Ghoul bought all 3 maggot-ridden dead bodies from Wilma Witch. He paid a total of \$673 to Wilma for the smelly bodies. The teacher cost \$69 more than the farmer. The dentist, whose body was fresher than the others, cost 5 times as much as the teacher. How much did the dead dentist cost?

Answers

Q1 - \$20; Q2 - 800 g; Q3 - 2 m 40 cm; Q4 - 4 1500 ml

Q5 - 150; Q6 - 200; Q7 - 60; Q8 - 84; Q9 - 2 kg 400 g

Q10 - 7 m 29 cm; Q11 - 17 km 300 m; Q12 - 2 h 28 min

Q13 - 1 h 20 min; Q14 - \$50; Q15 - 3 1300 ml

Q16 - 1 km 600 m; Q17 - 50 min; Q18 - 31 kg 960 g

Q19 - 85 cm; Q20 - \$530