Name:

#1

To monitor the deer population, park rangers marked 11 deer. A month later they flew over the park and noted 100 deer. Of the deer they saw 10 were marked. To the nearest whole number, what is the best estimate for the deer population?

[ ] estimate for the deer population

Show your work

#2

Choose the best answer

Maya's Flower Pollinating business likes to have 141 bees for every 47 flowers that it has to pollinate. If they are called in to pollinate 69 flowers then how many bees should Maya bring?

○ 179   ○ 176

○ 207   ○ 229

Show your work

#3

If Andrew weighs 162 lbs on Planet X which has a mass of 108 CS. What is the best estimate of how much Andrew would weigh on Planet Y if it has a mass of 134 CS.

[ ] lbs

Show your work

#4

Choose the best answer

Kaylee has built a model of his future house. The model walls are 109 cm tall and the roof is 27 cm tall. If Kaylee knows she wants the roof on her real house to be 54 feet tall, then how high does Kaylee need to make the walls?

- ○ 259
- ○ 222
- ○ 269
- ○ 218

Show your work

#5

To monitor the deer population, park rangers marked 59 deer. A month later they flew over the park and noted 132 deer. Of the deer they saw 33 were marked. To the nearest whole number, what is the best estimate for the deer population?

[   ] estimate for the deer population

Show your work

#6

Choose the best answer

Caden has built a model of his future house. The model walls are 136 cm tall and the roof is 74 cm tall. If Caden knows he wants the roof on his real house to be 111 feet tall, then how high does Caden need to make the walls?

- ○ 258
- ○ 169
- ○ 220
- ○ 204

Show your work

#7

Choose the best answer

On Austin's farm they need to feed the cows 208 lbs of feed every day for every 104 cows. If Austin has 121 cows, then how many lbs of feed does he need for the day?

- ○ 315
- ○ 242
- ○ 184
- ○ 284

Show your work

#8

Mall owners walk through the mall and give 140 shoppers gift bags. Later in the day they count 221 shoppers, with only 130 of them carrying gift bags. To the nearest whole number, what is the best estimate for how many people in total are in the mall?

[   ]

Show your work

#9

Choose the best answer

Lauren is eating candy soothers and broccoli. She likes to have a ratio of 114 to 228 junk food to healthy food. If Lauren eats 123 grams of candy soothers, then how many grams of broccoli must she eat?

- ○ 203
- ○ 178
- ○ 246
- ○ 303

Show your work

#10

Isabelle had a very fun party with 93 guys and 186 girls. Hoping to keep the same ratio, how many girls should Isabelle invite to the next party if she has already invited 113 guys.

[   ] girls

Show your work

#11

If Alexa weighs 117 lbs on Planet X which has a mass of 39 CS. What is the best estimate of how much Alexa would weigh on Planet Y if it has a mass of 83 CS.

[   ] lbs

Show your work

#12

Choose the best answer

On Avery's farm they need to feed the cows 165 lbs of feed every day for every 33 cows. If Avery has 34 cows, then how many lbs of feed does she need for the day?

○ 150   ○ 211

○ 170   ○ 216

Show your work

Answer Key

Question	Answer
#1	110
#2	207
#3	201
#4	218
#5	236
#6	204
#7	242
#8	238
#9	246
#10	226
#11	249
#12	170

TeachMe