

Basic Math Homework #19

- 1) 150% of what number is 80?
- 2) 24 is what percent of 96?
- 3) Put the following decimals in descending order: .0723, .007, .01, .0007, .3
- 4) Simplify: $-63 \div 3 \div 7 - |-3 - 1| - 3|-2 - 2|^3$
- 5) If the average temperatures each day for a week were 71.4, 56.5, 64.1, 77.3, 51.9, 7.6, and 42.2, what was the average temperature for the week?
- 6) Convert 4.12 meters into centimeters.
- 7) Convert 27 meters per hour into centimeters per second
- 8) The weight of a flash drive is 3 grams. What is the weight of a flash drive in centigrams and in kilograms?
- 9) How many kilometers are in 8,432 meters?
- 10) You are installing a wireless router in your house that has a range of 4,572 centimeters. What is the range of the wireless router in meters and in millimeters?
- 11) Convert .00087 kilograms into milligrams.
- 12) Sophie bought a bag of potatoes that weighed 2 kilograms. She removed one large potato that weighed 180 grams from the bag. How many hectograms of potatoes are still in the bag?
- 13) Convert 6 liters 7 milliliters into liters.
- 14) Abigail used a watering can to water her garden that holds 6.7 liters of water. She had to refill it 5 times. How many milliliters of water did Abigail use all together?
- 15) If you mine 6 hectograms of gold every 224 hours, how many milligrams of gold per year do you mine?

Copyright © 2013 by Dr. Joseph Phillips

All rights reserved. No part of this publication may be reproduced, distributed, or transmitted in any form or by any means, including photocopying, recording, or other electronic or mechanical methods, without prior written permission from the author.

Basic Math Homework #19

- 16) Julia builds a snowman out of three snowballs. The snowballs are .6 meters, .0032 kilometers, and 1,280 millimeters tall. What is the total height of the snowman on hectometers?
- 17) If you are riding a bicycle at a rate of .09 decameters per second, how fast are you going in kilometers per hour?
- 18) Two puppies have a combined weight of 5.3 kilograms. One puppy weighs 2,800 grams. How many decigrams does the other puppy weigh?
- 19) Convert 8.018 hectograms into centigrams.
- 20) Convert 64,000 milliliters into kiloliters.

Copyright © 2013 by Dr. Joseph Phillips

All rights reserved. No part of this publication may be reproduced, distributed, or transmitted in any form or by any means, including photocopying, recording, or other electronic or mechanical methods, without prior written permission from the author.