Name: .... Class: ....

Word-problems-on-metric-units-of-length

a. The drive way in front of Davion's house is 11 meters long and the drive way in front of Wes' house is 7 meters shorter than the one in Davion's house. How long is the drive way in front of Wes' house?

b. Mrs. Wilson bought a Christmas tree for Christmas and it is 24 meters tall. Her friend, Mrs. Thomas' own is 17 meters tall. How much taller is Mrs. Wilson's Christmas tree?

c. Jamil has an upcoming exams. Today, he bought 3 rulers of different lengths because he didn't know which length will fit in his pen case. He bought a white one that is 30 centimeters long. A blue one that 12 centimeters long and a pink one that is 15 centimeters shorter than the white one.
a) How long is the pink ruler?
b) Which ruler is shorter than 15 centimeters?
c) If Jamil's pen case is 18 centimeters long, which ruler(s) can fit in his pen case?

d. Anita's ruler is 15 centimeters longer than Jane's ruler. If Jane's ruler is 15 centimeters long, how long is Anita's ruler?

e. Yesterday, Rita bought a chocolate bar that was 16 centimeters long, while Angel bought one 4 centimeters longer than Rita's. If Alice's chocolate bar was 6 centimeters shorter than Angel's,
a. How long was Angel's chocolate bar?
b. How long was Alice's chocolate bar?

f. In Julius' orchard, the apple tree is 7 meters tall. The pear tree is 3 meters shorter than the apple tree, and the guava tree is 8 meters taller than the pear tree.
a. How tall is the pear tree?
b. How tall is the guava tree?

g. Linda has a red ribbon that is 25 centimeters long. A blue ribbon that is 12 centimeters long and a yellow ribbon that is 9 centimeters longer than the red ribbon.
a. How long is the yellow ribbon?
b. How much longer is the red ribbon than the blue ribbon?

mathskills4kids

Name: .... Class: ....

Word-problems-on-metric-units-of-length

a. The drive way in front of Davion's house is 11 meters long and the drive way in front of Wes' house is 7 meters shorter than the one in Davion's house. How long is the drive way in front of Wes' house?

Length of Davion's house's drive way = 11 meters.

Length of Wes' house's drive way compared to that of Davion's = 7 meters shortter.

Therefore, length of Wes' house's drive way =

length of Davion's house's driveway - length of Wes' house's driveway compared to that of Davion's

11 - 7 = 4 meters

So, the drive way in front of Wes' house is 4 meters.

b. Mrs. Wilson bought a Christmas tree for Christmas and it is 24 meters tall. Her friend, Mrs. Thomas' own is 17 meters tall. How much taller is Mrs. Wilson's Christmas tree?

Length of Mrs. Wilson's Christmas tree = 24 meters.

Length of Mrs. Thomas' Christmas tree = 17 meters.

Therefore, to find how much taller Mrs. Wilson's Christmas tree is, subtract 7 meters from 24 meters

24 - 17 = 7 meters

So, Mrs. Wilson's Christmas tree is 7 meters taller.

c. Jamil has an up coming exams. Today, he bought 3 rulers of different lengths because he didn't know which length will fit in his pen case. He bought a white one that is 30 centimeters long. A blue one that 12 centimeters long and a pink one that is 15 centimeters shorter than the white one.

a) How long is the pink ruler?

The pink ruler is 15 centimeters long.

b) Which ruler is shorter than 15 centimeters?

The blue ruler is shorter than 15 centimeters.

c) If Jamil's pen case is 18 centimeters long, which ruler(s) can fit in his pen case?

The blue ruler and the pink ruler can fit in his pen case.