SOL 5.4 Practice Word Problems

Directions: Use the CUBES Method to solve each problem. Be sure to SHOW all of your work.

1 Lauren's class is going on a field trip to the zoo. They will be traveling in vans that hold 8 people and cars that hold 5 people. There are 32 people going on the trip. There are only 2 vans available. If the two vans are filled first, how many cars will be needed?

A 6
B 5
C 4
D 3

2

Six children will share a bag of candy containing 29 pieces. About how many pieces of candy will each child get?

3 James wants to buy 112 tomato plants for his garden. There are 6 tomato plants in a package. How many packages of tomato plants should James buy?

A 118
B 19
C 106
D 18

4 Principal Lee needs to buy 132 ribbons. The ribbons are sold in packages of 8. How many packages of ribbons should Principal Lee buy?

A 13   B 16   C 17   D 19

5 The 5th grade students in Suffolk Public Schools are going on a field trip. There are 582 students in the 5th grade at all of the schools. If 25 students can fit on each bus, how many buses are needed for the field trip?

A 23
B 24
C 25
D 22

6 A teacher has 1,429 red beads, 1,783 green beads, and 358 white beads. If she mixes the beads together, how many beads can each of her 42 students have for a project?

A 85
B 3,570
C 34
D 86