

..... Challenging Word Problems

Buggsy Beetlehead is one of the greatest critter collectors in the world. His private zoo is overflowing with worms, beetles, caterpillars, snails, slugs, spiders, and especially with bedbugs, pill bugs, plant bugs, toad bugs, and ambush bugs. He just loves bugs. Help Buggsy move his critters into less crowded homes.

1. Buggsy's huge collection of 3,244 ambush bugs needs to be divided into 29 cages. How many ambush bugs will be in each cage? How many ambush bugs will be left over?
2. Mr. Beetlehead's supply of 2,567 garden snails needs to be housed in 23 snail condos. How many snails will be in each condo? How many snails will be left over?
3. Buggsy's pack of 5,249 pill bugs is a little overcrowded. He is going to split them evenly among 49 jars. How many pill bugs will be in each jar? How many pill bugs will be left over?
4. The Beetlehead collection of 9,967 garden spiders needs to be arranged in 33 giant plastic bottles. How many garden spiders will be in each bottle? How many garden spiders will be left over?
5. Buggsy's stockpile of 3,987 toad bugs will be put into 28 new habitats. How many toad bugs will be in each habitat? How many toad bugs will be left over?
6. Buggsy Beetlehead's herd of 6,744 stink bugs will be divided among 27 plastic bug houses. How many stink bugs will be in each bug house? How many stink bugs will be left over?
7. Buggsy's swarm of 4,122 slugs will be split among 19 new mobile homes. How many slugs will be in each new mobile home? How many slugs will be left over?
8. Mr. Beetlehead owns 7,834 stag beetles which he intends to put into 27 beetle boxes. How many beetles will be in each box? How many beetles will be left over?

Division Challenger

Buggsy has 93,840 bed bugs which he wants to split evenly—with no left overs—in more than 40 but less than 50 beds. How many beds will he need? _____

How many bed bugs will sleep in each bed? _____