



Name _____ Date _____

Problem-Solving: Guess and Check

TAKS Objectives 1, 6
TEKS 3.14B, 3.3B

Solve the problems using guess and check.

1. Spiders have two legs more than insects. Together a spider and an insect have 14 legs. How many legs does the spider have?

3. Steve and Ben both raise honeybees. Together they have 1,200 bees. Steve has three times as many bees as Ben. How many does each have?

5. The black cutworm can fly 3 times faster than a desert locust. Their combined speed is 80 miles per hour. How fast can the black cutworm fly?

2. A caterpillar has twice as many legs as a spider. Together, they have 24 legs. How many legs does the caterpillar have?

4. A South American tarantula and a common house spider have a combined length from end to end of 12 inches. The tarantula is five times longer than the spider. How long is the tarantula?

6. Scientists believe there may be up to 10 million species of insects in the world. They have only identified one-tenth of this number. How many insect species are still to be discovered around the world?
