

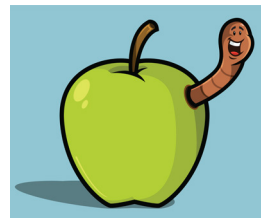


## Practice – Part 2

**Instructions:** Answer each of the following practice questions on a separate piece of paper. Step by step solutions are provided under the Solutions tab. You will learn the material more thoroughly if you complete the questions before checking the answers under the Solutions tab in Moodle.

1. A survey at school found that 21 out of 28 students have an Instagram account. If there are 550 students at the school, how many students will have an Instagram account?

2. Robert picked some apples in an orchard. For every 17 apples picked, 2 apples had worms in them. If Robert picks 230 apples, how many of them will have worms?



3. Johann asked a sample of students to name their favourite type of pet. He recorded the data in a table.

Type of Pet	Number of Students
cat	8
dog	15
hamster	2
other	3
total	28



There are 325 students at Johann's school. Predict the number of students at the school whose favourite type of animal is a cat.

4. A manufacturer sells beads. Beads are sold in boxes of 200. Typically, 1 out of 7 beads is cracked or broken. How many extra beads should be put in each box to ensure that 200 usable beads are contained in each box?

