

Commentary

Earth, XVII

1. (**8 thousands**) Eighty hundreds is 80 starting in the hundreds place or 8,000.
2. (**138, 204, 73, 160**) Students will likely have no trouble with the top two problems, but some might have trouble with the last two since they involve subtraction. They should be encouraged to check their work by rounding the numbers and mentally doing the problem with easy numbers, to see if the calculator answer is close enough to assume they didn't make a mistake.
3. (**10 eggs**) The problem involves two steps, and knowing that a dozen eggs is 12 eggs. Students might add 4 to 12 and then subtract 6, or they might draw a picture of the eggs and simply count.
4. (**40° C; 70° C; 55° C**) Each line on the thermometer equals 5 degrees. The longer lines are multiples of 10. The shorter lines are multiples of 5. Students may have trouble reading between the marked lines for the third temperature.
5. (**30 servings**) 5 containers of dog food times 6 servings per container equals 30 servings. Students may also solve this by drawing a picture of each container with 5 servings in each. This may also be solved with repeated addition. $6 + 6 + 6 + 6 + 6 = 30$
6. (**July**) 187 rounds to 200. 198 rounds to 200. 211 rounds to 200. All scores during the month of July will round to 200.
7. (**15**) When you count by 3's, you get 3, 6, 9, 12, 15, and 18. When you count by 5's, you get 5, 10, and 15. The number less than 20 that is found in both is 15.
8. (**4 + 4 = 8; 2 + 2 = 4; 3 + 3 = 6**) The answers given are the most common ones, but students might arrive at different answers by looking at the pictures differently. In the first picture, they might see 1 hand plus 1 hand, rather than 4 fingers plus 4 fingers. In the second picture, they may see 1 plate plus 1 plate, rather than 2 eggs plus 2 eggs.