1. The expression was simplified using two properties of operations. Which properties were applied from step 1 to step 2 and step 2 to step 3, respectively?

Step 1

Step 2

Step 3

2. Katie bought 4 sweaters that each cost the same amount and 1 skirt that cost $20. The items she bought cost a total of $160 before tax was added. What was the cost of each sweater?

3. Graham’s monthly bank statement showed the following deposits and withdrawals

−$25.20, $52.75, −$22.04, −$8.50, $94.11

If Graham’s balance in the account was $47.86 at the beginning of the month, what was the account balance at the end of the month?

4. Ms. Donaldson earns $18.80 per hour for the first 40 hours she works in a week. She earns times that amount per hour for each hour beyond 40 hours in a week. Last week Ms. Donaldson worked 45.5 hours. How much money did she earn?

5. Xander bought three shirts for $13.00 each. A 5% shipping and handling fee was added to the cost of the shirts. How much did Xander pay for in total?

6. Orlando and Daisy ordered a pizza for lunch. Orlando at of the pizza, and Daisy ate of the pizza. How much of the pizza did they eat all together? How much pizza is remaining?

7. Daphne has 3 days to drive 932.4 miles. Approximately how many miles does she need to drive each day?

8. Sarah was cutting fabric for a quilt. She cut a strip of a fabric that was inches long into 5 equal pieces. When she was finished cutting, Sarah had a piece that was inches long. How long was each piece that she cut for the quilt.