



Name _____

Smart Estimates

Directions: Round the decimals to estimate each answer. Then solve exactly. Decide if your exact answer is reasonable by comparing it to your estimate.

1. A nature trail is 4.8 km long. Ella hikes 2.3 km in the morning and 1.9 km in the afternoon. How far does she hike altogether?

Estimate: _____ **Exact Answer:** _____

2. A bag contains 8.7 kg of birdseed. Sam uses 3.4 kg to fill feeders. How much birdseed is left?

Estimate: _____ **Exact Answer:** _____

3. A science club buys 5 notebooks at \$3.75 each. What is the total cost?

Estimate: _____ **Exact Answer:** _____

4. A 14.4 L container of paint is shared equally among 6 artists. How many liters does each artist receive?

Estimate: _____ **Exact Answer:** _____

5. Mia collects 6.25 kg of recycling on Monday and 3.85 kg on Tuesday. How many kilograms does she collect in all?

Estimate: _____ **Exact Answer:** _____

6. A roll has 12.6 m of ribbon. Ava uses 4.2 m for gift wrapping. How much ribbon remains?

Estimate: _____ **Exact Answer:** _____

7. A farmer packs 7 boxes with 2.45 kg of peaches in each box. What is the total weight of the peaches?

Estimate: _____ **Exact Answer:** _____

8. A 16.8 L jug of lemonade is poured equally into 8 pitchers. How many liters go into each pitcher?

Estimate: _____ **Exact Answer:** _____