Estimating Quotients with 2-Digit Divisors

In **1** through **4**, estimate the quotients using compatible numbers.

1. 566 ÷ 81 = _____

2. 453 ÷ 93 = _____

3. 1,423 ÷ 69 = _____

4. 8,631 ÷ 10 = _____

5. If you use $99.00 ÷ 11 to estimate $98.69 ÷ 11, is $9.00 greater than or less than the exact answer? Explain.

_____

_____

6. Suppose there are 19 students in a class. A teacher has 122 pencils and passes them out to the class. Estimate the number of pencils each student will receive.   _____

7. At a department store, a package of 12 handkerchiefs costs $58.99. Estimate how much each handkerchief costs.   _____

8. Which is the closest estimate for 2,130 ÷ 33?

A 7   **B** 17   **C** 70   **D** 700

9. Explain how to estimate 498 ÷ 12.

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