Simplify all answers and show your work!

1) Add: $5.73 + 0.84 + 215$
2) Divide: $\frac{15.36}{3.2}$
3) Multiply: $\frac{5.8}{6.1}$
4) Round to the nearest cent: $94.8642$
5) Write as a fraction in lowest terms: a) $0.45$ b) $1.25$
6) Write $\frac{4}{5}$ as a decimal.
7) Simplify: a) $\sqrt{\frac{16}{81}}$ b) $2.3^2$ c) $\left(\frac{3}{4}\right)^3$
8) Write $<$ or $>$ to make the statement true:

Write each ratio as a fraction in lowest terms: 9) $35$ to $7$ 10) $2.75$ to $3.50$ 11) $4\frac{1}{4}$ to $3\frac{2}{5}$

Solve for $x$: 12) $\frac{x}{12} = \frac{15}{18}$ 13) $\frac{2}{3} = \frac{x}{5}$ 14) $\frac{3}{5.3} = \frac{1.2}{x}$
15) Write in order from smallest to largest:
0.443, 0.324, 0.423, 0.342, 0.432

16) Determine if the following proportion is true or false. Justify your answer.
\[
\frac{3 \frac{1}{4}}{26} = \frac{2}{4}
\]

17) Subtract: 18 – 5.67

18) A car rental company charges $30 per day and $0.45 per mile to rent a car. What is the total bill if a car is rented for 3 days and is driven 132 miles?

19) In one afternoon, Paul’s automotive shop does seven oil changes for $16.04 each and two radiator flushes for $85.59 each. All prices include taxes. How much money did Paul’s automotive shop make in that afternoon?

20) Lacey bought items costing $24.65, $12.99, $9.88, and $10. The sales tax on the purchase came to $4.03, and she paid with her purchases with a $100 bill. How much change did she get back?

21) Bill earns $237.85 for working 35.5 hours. How much will he receive if he works at the same pay rate for 32.5 hours?

22) During a charity fund-raising drive, forty-two employees of a company donated a total of $2210.88. What was the average donation per employee?