1) Simplify: \( \sqrt{225} = \)

2) Write 62,400,000 in scientific notation.

3) Simplify: \( 25 - [(3 - 1)^3 + (4^2 - 6)] \)

4) Subtract: \( 9 - 2\frac{3}{5} = \)

5) What fraction is equivalent to 75%?

6) Simplify: \( 4^3 = \)

7) Write \( 8.04 \times 10^{-5} \) in standard notation.

8) What fraction is equivalent to 0.4?

9) Simplify: \( 4(3^2 - 4) + 8 \div 2 \times 4 \)
10) Add: \( 3 \frac{3}{4} + 1 \frac{1}{6} = \)

11) Multiply: \( 2 \frac{2}{3} \times 1 \frac{3}{8} = \)

12) Divide: \( 12.84 \div 0.4 = \)

13) Postage stamps cost 41¢ each. How much does a “book” of 20 stamps cost?

14) A dirt road is \( 2 \frac{1}{2} \) miles long, and has a pine tree every \( \frac{1}{8} \) of a mile. How many pine trees are there along the road?

15) A $215 television is on sale for 20% off. What is the new price?

16) Markia answered 60% of the questions correctly on her last quiz. If she answered 30 questions correctly, how many total questions were on the quiz?

17) Mia bought 8 lbs of potatoes for $3.60. What is the unit price?

18) What is 65% of 140?