What Has a Bottom at the Top?

Do the exercises below and find your answers in the rectangle. Shade in each area containing a correct answer. You will get to the bottom of this mystery!

1. \( \frac{2}{3} \times \frac{1}{10} \)
2. \( \frac{5}{9} \times \frac{3}{5} \)
3. \( \frac{8}{3} \times \frac{1}{2} \)
4. \( \frac{1}{6} \times \frac{10}{7} \)
5. \( \frac{9}{5} \times \frac{5}{12} \)
6. \( \frac{6}{5} \times \frac{15}{4} \)
7. \( \frac{9}{10} \times \frac{25}{6} \)
8. \( \frac{5}{8} \) of 24
9. \( \frac{7}{4} \times 20 \)
10. \( \frac{12}{35} \times \frac{15}{16} \)
11. \( \frac{8}{7} \times \frac{21}{2} \)
12. \( \frac{3}{10} \times \frac{5}{12} \)
13. \( \frac{1}{2} \times \frac{4}{9} \times \frac{3}{5} \)
14. \( \frac{6}{7} \times \frac{5}{6} \times \frac{7}{10} \)
15. \( \frac{8}{15} \times \frac{9}{4} \times \frac{11}{12} \)
16. \( \frac{7}{6} \times \frac{2}{5} \times 30 \)
17. \( \frac{4}{9} \times 16 \times \frac{3}{8} \)
18. \( \frac{3}{4} \times \frac{4}{3} \times \frac{5}{5} \)

19. The King’s ship sank with 8 gold bars aboard. The King paid Captain Nemo \( \frac{4}{5} \) of one bar for finding the gold. The Captain gave \( \frac{1}{2} \) of his gold to charity. What fraction of a bar went to charity? 

20. There are 40 students at Bali High who play stringed instruments. Of these, \( \frac{1}{4} \) play viola, \( \frac{1}{5} \) play cello, and the rest play violin. How many students play violin?

21. Yikes McTugg bought \( \frac{1}{2} \) pound of potato salad. He ate \( \frac{2}{3} \) of it for lunch. How much potato salad was left for an afternoon snack?