Class 15: Multiplying and Dividing Mixed Numbers

① $3\frac{6}{7} \times 1\frac{1}{9}$

② $5\frac{2}{5} \times 4\frac{1}{6}$

③ $1\frac{1}{3} \times 2\frac{1}{4}$

④ $1\frac{2}{5} \times 1\frac{3}{4}$

⑤ Find the product of $2\frac{5}{8}$ and $2\frac{1}{6}$.

⑥ $2\frac{2}{5} \times 3\frac{1}{12}$

⑦ $3\frac{1}{7} \times 2\frac{1}{8}$

⑧ what is $3\frac{3}{4}$ times $2\frac{3}{20}$?

⑨ $1\frac{1}{3} \times \frac{1}{4}$

⑩ $\frac{2}{5} \times 2\frac{1}{2}$

⑪ $\frac{1}{3} \times 1\frac{1}{3}$

⑫ $1\frac{7}{8} \times \frac{4}{15}$

⑬ $2\frac{1}{5} \times \frac{5}{22}$

⑭ $9 \times 3\frac{1}{3}$

⑮ $4 \times 2\frac{1}{2}$

⑯ $2\frac{1}{7} \times 3$

⑰ $8 \times 5\frac{1}{4}$

⑱ $4\frac{2}{3} \times 3$

Dividing Mixed Numbers

⑲ $1\frac{3}{4} \div 2\frac{1}{4}$

⑳ $8\frac{1}{4} \div 2\frac{3}{4}$

㉑ $2\frac{1}{7} \div 2\frac{1}{2}$

22. $9\frac{5}{8} \div 2\frac{3}{4}$

23. Divide $7\frac{1}{5}$ by $2\frac{3}{5}$.

24. $1\frac{1}{3} \div 5\frac{8}{9}$

25. $9\frac{1}{5} \div 1\frac{7}{10}$

26. $7\frac{2}{5} \div 1\frac{7}{12}$

27. $3\frac{5}{9} \div 7$

28. $6 \div 3\frac{2}{5}$

29. $5\frac{3}{7} \div 2$

30. $8 \div 3\frac{3}{7}$

31. $\frac{2}{5} \div 4\frac{2}{3}$

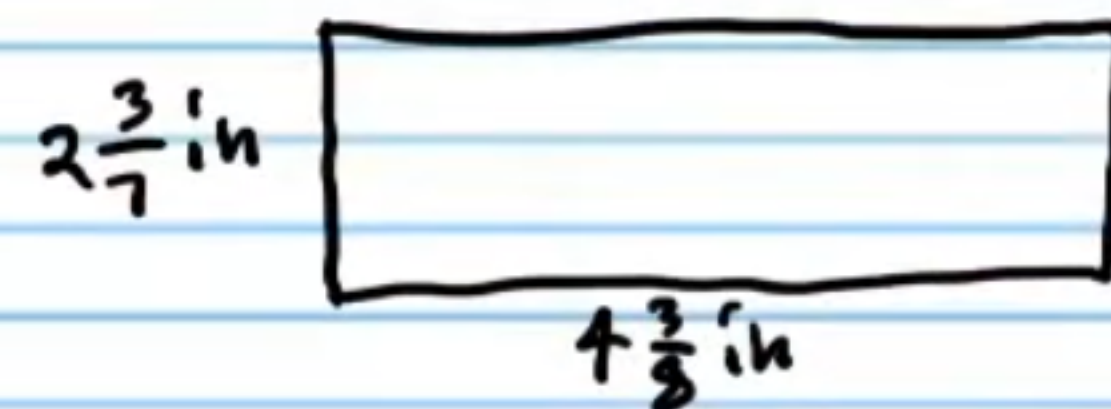32. $7\frac{1}{3} \div \frac{4}{5}$

33. $\frac{3}{10} \div 1\frac{8}{9}$

34. $8\frac{10}{11} \div \frac{6}{7}$

35. If bananas cost $\$3\frac{1}{5}$ per pound and you spend $\$2\frac{3}{4}$ on bananas, how many pounds did you buy?

36. If nails cost $\$2\frac{3}{8}$ per gram, how much did a person spend if he bought $1\frac{3}{5}$ grams?

37. Find the area of the rectangle below.

$2\frac{3}{7}$ in

$4\frac{3}{8}$ in

38) If an animal burns $5\frac{7}{8}$ calories for every ounce of food consumed, and the animal burned $2\frac{5}{7}$ calories, how many ounces of food were utilized?

39) A rabbit hops $8\frac{5}{9}$ miles per hour. If this rabbit hopped $2\frac{5}{6}$ miles without stopping, for what fraction of an hour was he hopping?

40) If a rocket uses $1\frac{1}{7}$ tons of fuel per minute and the rocket flies during this burn for $5\frac{3}{7}$ minutes, how much fuel was used?