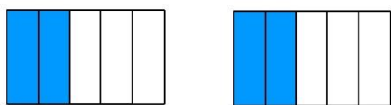**ANSWER KEY**

For #1 – 4, add the fractions, using the diagrams for reference as needed. Simplify your answer if necessary.
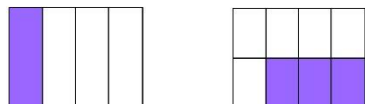
1. $\frac{2}{5} + \frac{2}{5} = $ _____ $\frac{4}{5}$

2. $\frac{1}{3} + \frac{1}{3} = $ _____ $\frac{2}{3}$

3. $\frac{1}{4} + \frac{3}{8} = $ _____ $\frac{5}{8}$

4. $\frac{3}{5} + \frac{3}{10} = $ _____ $\frac{9}{10}$

For #5 – 12, add the fractions. When necessary, write your answer as a whole number or as an improper fraction in simplest form.

5. $\frac{1}{7} + \frac{5}{7} = $ _____ $\frac{6}{7}$

6. $\frac{3}{5} + \frac{2}{5} = $ _____ 1

7. $\frac{2}{9} + \frac{1}{3} = $ _____ $\frac{5}{9}$

8. $\frac{2}{5} + \frac{4}{5} = $ _____ $\frac{6}{5}$

9. $\frac{1}{4} + \frac{7}{8} = $ _____ $\frac{9}{8}$

10. $\frac{1}{2} + \frac{1}{6} = $ _____ $\frac{2}{3}$

11. $\frac{1}{8} + \frac{1}{3} = $ _____ $\frac{11}{24}$

12. $\frac{1}{2} + \frac{7}{9} = $ _____ $\frac{23}{18}$

13. Lou is cleaning out his kitchen cabinets and discovers two jars that each contain some white sugar. He decides to place all the sugar in a new plastic container. If one jar holds $\frac{1}{4}$ cup of sugar while the other contains $\frac{2}{3}$ cup, how much sugar will he have in the new container? _____ $\frac{11}{12}$ *cup*

14. Serrilda just started her first part-time job. She has decided to save some of her earnings. She plans to save $\frac{1}{10}$ of her earnings for a summer vacation with a friend, and she'll save $\frac{2}{5}$ of her earnings for a car. She expects to spend the rest. What fraction of her earnings will she be saving? _____ $\frac{1}{2}$

For #15 – 25, add the fractions. When necessary, write your answer as a whole number or as a mixed number in simplest form.

15. $\frac{3}{7} + \frac{2}{21} = $ _____ $\frac{11}{21}$

16. $\frac{1}{5} + \frac{3}{8} = $ _____ $\frac{23}{40}$

17. $\frac{2}{9} + \frac{3}{4} = $ _____ $\frac{35}{36}$

18. $\frac{1}{4} + 3 = $ _____ $3\frac{1}{4}$

19. $1\frac{1}{2} + \frac{2}{3} = $ _____ $2\frac{1}{6}$

20. $\frac{8}{9} + \frac{7}{12} = $ _____ $1\frac{17}{36}$

21. $1\frac{1}{8} + 2\frac{7}{8} = $ _____ 4

22. $\frac{5}{6} + 1\frac{7}{9} = $ _____ $2\frac{11}{18}$

23. $\frac{1}{3} + 2 + 1\frac{5}{7} = $ _____ $4\frac{1}{21}$

24. $1\frac{7}{10} + 2\frac{3}{5} + 1\frac{1}{2} = $ _____ $5\frac{4}{5}$

25. $1\frac{3}{4} + \frac{2}{3} + 3\frac{1}{2} = $ _____ $5\frac{11}{12}$