Solve.

1. $\dfrac{2}{3}$ of 12 = _____

2. $\dfrac{3}{5}$ of 10 = _____

3. $\dfrac{3}{4}$ of 24 = _____

4. $\dfrac{1}{3}$ of 15 = _____

5. $\dfrac{4}{5}$ of 25 = _____

6. $\dfrac{5}{7}$ of 14 = _____

Fill in the missing numbers in the numerators or denominators to make equivalent fractions.

7. $\dfrac{2}{6} = \dfrac{}{} = \dfrac{}{} = \dfrac{}{24}$

8. $\dfrac{}{} = \dfrac{10}{16} = \dfrac{}{} = \dfrac{20}{}$

Add or subtract using the rule of four when needed.

9. $\dfrac{1}{3} + \dfrac{1}{3} =$ ———

10. $\dfrac{1}{4} + \dfrac{3}{6} =$ ———

11. $\dfrac{1}{5} + \dfrac{5}{6} =$ ———

12. $\dfrac{2}{3} - \dfrac{1}{5} =$ ———

13. $\dfrac{7}{10} - \dfrac{3}{10} =$ ——

14. $\dfrac{4}{7} - \dfrac{3}{8} =$ ———

Use the rule of four to compare the fractions and write the correct symbol in the oval.

15. $\dfrac{3}{5}$ $\bigcirc$ $\dfrac{5}{7}$
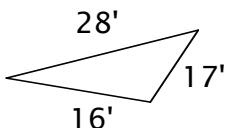
16. $\dfrac{3}{6}$ $\bigcirc$ $\dfrac{4}{8}$
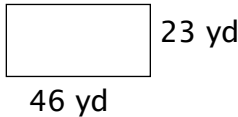
17. $\dfrac{2}{3}$ $\bigcirc$ $\dfrac{4}{8}$
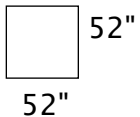
Use whichever method you prefer to add the fractions.

18. $\dfrac{3}{8} + \dfrac{1}{10} + \dfrac{2}{5} =$ ———

19. $\dfrac{3}{4} + \dfrac{7}{8} + \dfrac{1}{2} =$ ——

Find the perimeter of each shape.

20.

28'

17'

16'

P = _____

21.

23 yd

46 yd

P = _____

22.

52"

52"

P = _____

Round to the nearest ten.

23. 91 → _____

24. 45 → _____

Round to the nearest hundred.

25. 604 → _____

26. 517 → _____

Divide and write your remainder as a fraction.

27. 5$\overline{)3\ 5\ 8}$

28. 8$\overline{)5\ 4\ 1}$

29. 6$\overline{)1\ 8\ 9}$

Multiply.

30.　　　6 7　　　　31.　　　3 4　　　　32.　　2 2 4
　　　 × 1 8　　　　　　　 × 2 6　　　　　　　 × 2 2

33. Sophia used 2/5 of her birthday money for school supplies and 1/3 of it for gifts. What part of her birthday money has she spent so far?

34. During our last snow storm, Drumore received 5/6 of a foot and Quarryville received 2/3 of a foot. Tell which town received more snow, then find the difference in their amounts of snowfall.

35. Charles has a rectangular room that measures 10 feet by 11 feet. One-seventh of the perimeter of the room is taken up by bookshelves. How many feet of bookshelves does Charles have in his room?