

### Section 1.3 Exercises Part B

#### Add.

$$\begin{array}{r} 1. \quad 36,851 \\ + \quad 3,197 \\ \hline \end{array}$$

$$\begin{array}{r} 2. \quad 153.29 \\ + \quad .922 \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad 8,434,916.7 \\ + \quad 54.3527 \\ \hline \end{array}$$

#### Subtract.

$$4. \quad 9 - (-3) =$$

$$5. \quad -18 - 32 =$$

$$6. \quad -14 - (-19) =$$

$$7. \quad -18 + 6 =$$

$$8. \quad 15 - 47 =$$

$$9. \quad -24 - 8 =$$

$$\begin{array}{r} 10. \quad 754 \\ - \quad 57 \\ \hline \end{array}$$

$$\begin{array}{r} 11. \quad 29.84 \\ - \quad 64.643 \\ \hline \end{array}$$

$$\begin{array}{r} 12. \quad 4,786 \\ - \quad 5,919 \\ \hline \end{array}$$

$$\begin{array}{r} 13. \quad 2.35 \\ - \quad 13.946 \\ \hline \end{array}$$

$$\begin{array}{r} 14. \quad 23,754 \\ - \quad 4,151 \\ \hline \end{array}$$

15. Cost:\$32.50  
Discount:\$5.79  
Final Price:

16. Temp:67° F  
Change:28° warmer  
Final:

17. Altitude: 4,380 ft  
Fall: 2,230 ft  
Final:

18. Cost:\$33.50  
Tax:\$2.18  
Final Price:

19. Temp: 27° C  
Change: 48° colder  
Final:

20. Altitude:300 m  
Rise:2,250 m  
Final:

#### Change into a decimal.

$$21. \quad \frac{4}{5}$$

$$22. \quad \frac{2}{9}$$

$$23. \quad \frac{5}{8}$$

$$24. \quad \frac{1}{8}$$

$$25. \quad \frac{5}{6}$$

$$26. \quad \frac{1}{10}$$

**Divide.**

27.  $7 \overline{)434}$

28.  $6 \overline{)135}$

29.  $12 \overline{)789}$

30.  $.04 \overline{)56.347}$

31.  $.6 \overline{)453}$

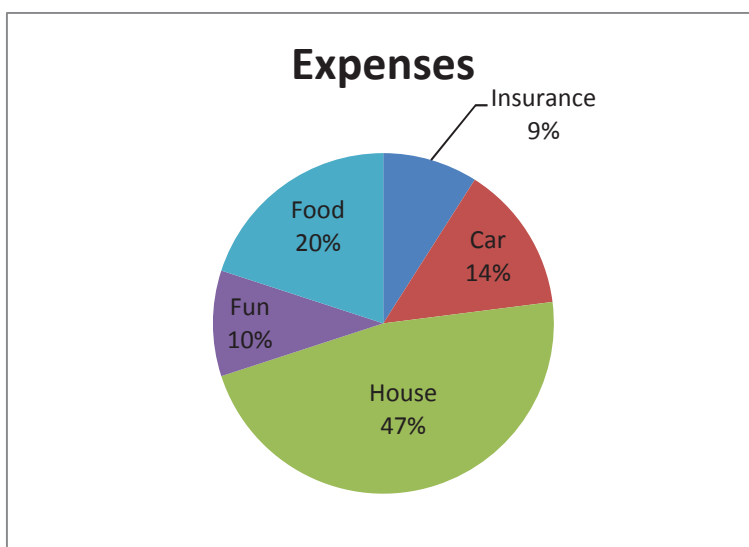
32.  $3.1 \overline{)125.12}$

**Change into a percent.**

33.  $\frac{7}{12}$

34.  $\frac{17}{20}$

35.  $\frac{15}{30}$



Using the chart, find out how much money was spent if the total budget was \$1300.

36. Food

37. Car

38. Fun

**Find the following:**

39. Price: \$77.20  
Tax rate: 6%  
Tax:

40. Attendees: 2,400  
Percent men: 79%  
Men:

41. Students: 12  
Number of B's: 11  
Percent of B's:

**Begin "Budget and Expenses" Portfolio Project**

42. Make sure all members of the group have seen the pattern of budget and expense reports found in "All is Safely Gather In" and "One for the Money." Begin a monthly budget and record of your expenses that will continue through the remainder of the semester. Commit to reporting to your group and receiving reports when all have created a spreadsheet titled, "Budget and Expenses."

Answers:

1. 40,048
2. 154.212
3. 8,434,971.0527
4. 12
5. -50
6. 5
7. -12
8. -32
9. -32
10. 697
11. -34.803
12. -1,133
13. -11.596
14. 19,603
15. \$26.71
16. 95° F
17. 2150 ft
18. \$35.68
19. -21° C
20. 2550m
21. .8
22.  $\overline{.2}$
23. .625
24. .125
25.  $\overline{.83}$
26. .1
27. 62
28. 22.5
29. 65.75
30. 1408.675
31. 755
32. 40.361...
33. 58.3%
34. 85%
35. 50%
36. \$260
37. \$182
38. \$130
39. \$4.63
40. 1896 men
41. 91.67%
42. Submit it to your teacher later in this lesson.