## Chapter 8

1. $7.1 + 2.3 =$

2. $1.25 + 3.42 + 1.12 =$

3. $3.1 + 5.37 =$

4. $4.2 + 6 =$

5. $3 + 1.02 =$

6. $9.6 – 4.3 =$

7. $7 – 3.3 =$

8. $5.14 - .3 =$

9. $7.25 – 2 =$

10. $.123 + .13 + .2 =$

## Chapter 9

1. $2.4 \times 1.3 =$
2. $.61 \times .04 =$
3. $2.13 \times .15 =$
4. $.4 \times .8 =$
5. $.91 \times .02 =$
6. $5 \times .3 =$
7. $.01 \times 6.3 =$
8. $23.5 \times 5.6 =$
9. $52.2 \times .03 =$
10. $9 \times .02 =$

## Chapter 12

1. $6\overline{)\ 15.6}$
2. $5\overline{)\ 23.5}$
3. $3\overline{)\ 22.2}$
4. $.2\overline{)\ 17}$
5. $5\overline{)\ 29}$
6. $.6\overline{)\ 1.42}$
7. $.3\overline{)\ 71}$
8. $.4\overline{)\ .48}$
9. $.3\overline{)\ 1.3}$
10. $5\overline{)\ 1}$

## Chapter 20

1. $\frac{15}{25} = \frac{?}{5}$

2. $\frac{7}{9} = \frac{63}{?}$

3. Mom cooks 6 pancakes in 2 minutes. How many can she cook in 5 minutes?

4. Cathy walks 2 miles in 40 minutes. How long will it take her to walk 3 miles?

5. Tom sells three houses each month. How many would he sell in 5 months?

6. Leif needs to mix red and blue paint in a ratio of 1 to 2 to make purple. If he has 6 cans of blue, how many cans of red does he need to make purple?

7. A recipe for 24 brownies calls for 2 cups of flour. How much flour do you need to make 36 brownies?

8. A map has a scale of 1 inch equals 25 miles. If points on the map between two cities is 3 inches, how far apart are the cities?

9. A map has a scale of 2 inches equals 80 miles. If points on the map between two cities is 3 inches, how far apart are the cities?

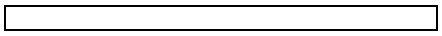
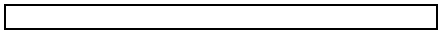
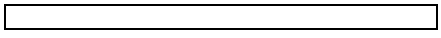
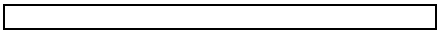
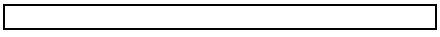
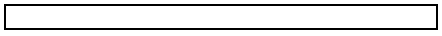
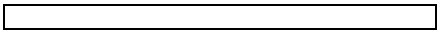
10. A map has a scale of 2 inch equals 90 miles. If points on the map between two cities is 5 inches, how far apart are the cities?

## Chapter 22

### Write as a percent.

1. 56 boys out of 100 students
2. 8 blue out of 100 total
3. 25/100 meals had French fries
4. 4/100 birds were red
5. 27:100
6. Blake caught 100 fish. 74 were trout. What % were trout?
7. An auto shop fixed 100 cars in a week. 54 of them were foreign. What percent were foreign?
8. ¼
9. ½
10. 1/3
11. 2/3
12. ¾
13. 1

### Shade the percent shown.

14. 50% 
15. 100% 
16. 25% 
17. 75% 
18. 33 1/3% 
19. 66 2/3% 
20. 10% 

## Chapter 25

## Change to a decimal. (Easier Problems)

1. 50%

2. 25%

3. 75%

4. 2%

5. 7%

6. 100%
7. 15%
8. 3%
9. 125%
10. 88%

## Change to a decimal. (Harder Problems)

1. 50.5%
2. 70.1%
3. 20.3%
4. 5%
5. 7.5%
6. 250%
7. 125%
8. 69.5%
9. 2.5%
10 100%

## Chapter 26

## Change to a percent. (Easier problems.)

1. .50
2. .25
3. .75
4. .10
5. .1
6. .33
7. .2
8. 1.15
9. .03
10. .60

## Change to a percent. (Harder problems.)

1. .15
2. .155
3. .562
4. 1.155
5. .05
6. .054
7. 2.34
8. 1.09
9. .045
10. 2.5

## Chapter 30

**Solve.**

1. 20% of 200 =
2. 5% of 400 =
3. 10% of 50 =
4. 30% of 50 =
5. 75 % of 44 =
6. 2% of 1400 =
7. 60% of 45 =
8. 25% of 300 =
9. 50% of 32 =
10. 9% of 400 =

## Chapter 31

**Solve.**

1. 40% of what is 25?
2. 10 is what % of 10?
3. 60% of what is 18?
4. 75% of 40 is what?
5. 25 is what % of 125?
6. 5% of what is 7?
7. 3% of 200 is ?
8. 8 is what % of 80?
9. 20% of 120 is what?
10. 50 is 40% of what?

## Chapter 32

**Solve. Round to the nearest penny.**

| | Original price ($) | % discount | Percent you will pay. | Price you will pay ($) |
|---|---|---|---|---|
| 1. | $100 | 20% | | |
| 2. | $130 | 35% | | |
| 3. | $82 | 25% | | |
| 4. | $60 | 60% | | |
| 5. | $22 | 50% | | |

## Chapter 33

**Solve. Round to the nearest penny.**

| | Original price ($) | % tax | Percent you will pay. | Price you will pay ($) |
|---|---|---|---|---|
| 1. | $75 | 3% | | |
| 2. | $52 | 8% | | |
| 3. | $160 | 9% | | |
| 4. | $24 | 10% | | |
| 5. | $32 | 5% | | |