

Name : _____ Score : _____

Teacher : _____ Date : _____

Percentage Calculations

Round your answer to one decimal point if required.

1) What is 97 percent of 76 ?

6) 41 is 65 percent of what ?

2) What is 58 percent of 34 ?

7) What is 35 percent of 47 ?

3) 31 is 22 percent of what ?

8) What percent of 93 is 25 ?

4) What percent of 62 is 15 ?

9) What is 66 percent of 18 ?

5) 50 is 87 percent of what ?

10) 59 is 85 percent of what ?



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Percentage Calculations

Round your answer to one decimal point if required.

1) What is 3 percent of 41.6 ?

6) 69.2 is 30 percent of what ?

2) What is 9 percent of 55.4 ?

7) What percent of 89 is 59.4 ?

3) 72.9 is 26 percent of what ?

8) 84.3 is 32 percent of what ?

4) What is 29 percent of 23.5 ?

9) 37.3 is 95 percent of what ?

5) What is 32 percent of 49.7 ?

10) What percent of 81.5 is 48 ?



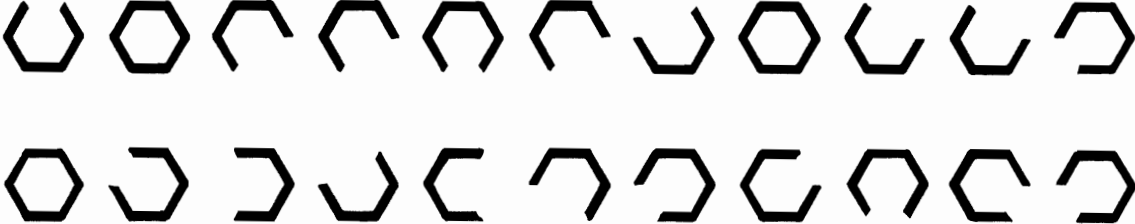
HEXAGON CODE

Figure out the interest on any loan described below. Find your answer in the answer column and notice the design next to it. Each time this design appears in the coded message, write the letter of the exercise above it. Keep working and you will decode the message.

- (E) \$500 for 1 year at 12% per year
- (A) \$350 for 1 year at $10\frac{1}{2}\%$ per year
- (R) \$975 for 1 year at 9% per year
- (T) \$700 for 2 years at 10% per year
- (L) \$1000 for $2\frac{1}{2}$ years at 8% per year
- (I) \$375 for 3 years at 12% per year
- (O) \$800 for $4\frac{1}{2}$ years at $6\frac{1}{4}\%$ per year
- (H) \$150 for 3 months at 1% per month
- (G) \$600 for 6 months at $1\frac{1}{2}\%$ per month
- (C) \$520 for 5 months at $\frac{3}{4}\%$ per month
- (N) \$845 for $1\frac{1}{2}$ months at 2% per month
- (S) \$1200 for $3\frac{1}{2}$ months at $\frac{1}{2}\%$ per month
- (B) \$182 for 10 months at $1\frac{1}{2}\%$ per month

	\$36.75
	\$4.50
	\$140
	\$225
	\$21
	\$87.75
	\$19.50
	\$135
	\$25.35
	\$54
	\$60
	\$27.30
	\$200

CRYPTIC MESSAGE



Did You Hear About . . .

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
									?

Answers 1-10



Write the word next to each correct answer in the box that contains the exercise number (some answers are rounded).



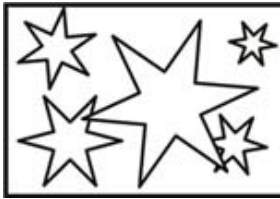
Answers 11-20

- 125% • NEEDED
- 92.7 g • BOOTS
- 27.2% • HIKER
- 34.4% • DAY
- 864.2 km • SOME
- 95.2 g • REALIZED
- 2140.5 ft • IF
- 53.3% • THE
- 888.9 km • HE
- 68% • WAS
- 36.1 g • GLASSES
- 72.5 oz • THERE
- 1980 ft • WHO
- 31.5% • LADY
- 2857.1 ft • ONE
- 69.4 oz • THAT

1. 40 lb is what percent of 75 lb?
2. What percent of 9.2 m is 2.5 m?
3. Find 37.5% of 5280 ft.
4. What is 140% of 68 g?
5. 72% of what weight is 50 oz?
6. 80 km is 9% of what distance?
7. 150 volts is what percent of 120 volts?
8. Find 3.8% of 950 g.
9. 7% of what length is 200 ft?
10. 344 out of 1000 students is what percent?

11. What is 40% of 360°?
12. 56 bananas is what percent of 80 bananas?
13. 30% of what distance is 5.8 mi?
14. Find 8.25% of \$399.
15. 3 out of 750 light bulbs is what percent?
16. 22 elephants is 65% of what number of elephants?
17. 250% of 9.4 mi is what distance?
18. \$12.93 is what percent of \$172.40?
19. 150% of what length is 66 cm?
20. 36 jelly donuts is 200% of how many jelly donuts?

- 32 • MOSQUITOES
- 0.4% • KILL
- 144° • WHEN
- 48 cm • HIS
- 23.5 mi • STICK
- \$34.58 • HITTING
- 18 • SNAKE
- 19.3 mi • TRIED
- 135° • BECAUSE
- 34 • A
- 5.8% • BY
- 44 cm • A
- \$32.92 • TO
- 21.8 mi • BEAR
- 7.5% • WITH
- 70% • HE



Name: _____

Simple Interest

Calculate the Simple Interest for the Word Problems:

1. _____ If the balance at the end of eight years on an investment of \$630 that has been invested at a rate of 9% is \$1,083.60, how much was the interest?
2. _____ If you borrow \$675 for six years at an interest rate of 10%, how much interest will you pay?
3. _____ How much interest is earned on \$470 at 4% for seven years?
4. _____ If you borrow \$421 for nine years at an interest rate of 4%, how much interest will you pay?
5. _____ If you borrow \$491 for one year at an interest rate of 3%, how much interest will you pay?
6. _____ How much interest does a \$318 investment earn at 9% over one year?
7. _____ If the balance at the end of eight years on an investment of \$230 that has been invested at a rate of 3% is \$285.20, how much was the interest?
8. _____ If you borrow \$225 for eight years at an interest rate of 6%, how much interest will you pay?
9. _____ How much interest is earned on a principal of \$646 invested at an interest rate of 5% for two years?
10. _____ How much interest does a \$407 investment earn at 6% over seven years?

The Wrong Thing to Say While Performing Brain Surgery

\$7651	\$765		\$922.25	\$48,776		\$2960		\$4454.40
		\$78						\$4.65
\$391.20			\$90		\$3.75	\$84		\$390
	\$30		\$4391			\$7643	\$34	\$772
\$370			\$386.40	\$92	\$927.75	\$47,338		\$1306.40

Shade in the area containing each solution.

- Michael deposited \$300 in a savings account that paid 6% simple interest. He made no deposits or withdrawals for 5 years.
 - How much interest did Michael earn in 5 years?
 - How much money was in Michael's account at the end of 5 years?
- Sharon invested \$5000 in a certificate of deposit (CD) that paid 7.4% simple interest. She held the CD for 8 years.
 - How much interest did Sharon earn each year?
 - How much interest did Sharon earn in 8 years?
- Tonka borrowed \$920 from a bank at 14% simple interest. After 3 years, he paid back the loan plus the interest.
 - How much interest did Tonka pay?
 - How much did Tonka pay back altogether?
- Jenny took a cash advance of \$250 on her credit card. The interest rate was 1.5% per month. After 8 months, she paid back the cash advance.
 - How much interest was Jenny charged each month?
 - How much interest did Jenny pay altogether?
- Ms. Zling deposited \$850 in a savings account that paid 4.25% simple interest. What was the balance in her account at the end of 2 years?
- Rolex borrowed \$3200 from his credit union for 4 years. He was charged 9.8% simple interest. What was the total amount he owed the credit union?
- Mr. Benchgrinder bought a \$500 bond that paid 5.3% simple interest. What was the value of the bond at the end of 10 years?
- Carlos took out a home-improvement loan for \$28,000. He agreed to pay back the loan plus 10.6% simple interest at the end of 7 years. How much did Carlos owe then?
- Mai invested \$7000 in a money-market fund that paid 6.2% simple interest. What was the value of her account at the end of 18 months?
- Dr. Glock had an average balance of \$400 on her credit card account for one year. She paid 1.75% interest per month. How much interest did she pay altogether?