

Complete the following table. If necessary, round the decimal to 3 decimal places.

	FRACTION Reduce if possible	DECIMAL	PERCENT
1.	$\frac{1}{2}$		
2.	$\frac{3}{4}$		
3.	$\frac{5}{8}$		
4.		0.06	
5.		0.4	
6.		0.0001	
7.			60%
8.			18%
9.			7.5%
10.	$\frac{1}{6}$		
11.	$1\frac{1}{5}$		
12.	$\frac{1}{3}$		
13.		2	
14.		0.0125	
15.			$\frac{1}{2}\%$
16.			110%

- 17) What is 20% of 60?
- 18) 4 is what percent of 5?
- 19) 50% of what number is 40?
- 20) What percent of 10 is 15?
- 21) 250% of 80 is what number?
- 22) 1000 is 10% of what number?
- 23) Suppose that 4 out of 5 people prefer Brand X to Brand Y.
What percent of the people prefer Brand X?
- 24) Eric bought a shirt that regularly sells for \$24. A sign on the rack says 20% off.
Find the sale price of the shirt.
- 25) A CD sells for \$14.50 . If the sales tax is 7.5%, find the total cost of the CD.

26-28) Suppose that Tony earns \$750 per week.

The FICA deduction is 6.2% and the Medicare deduction is 1.45% .

- 26) Find the amount of the FICA deduction. (see above)
- 27) Find the amount of the Medicare deduction. (see above)
- 28) Find Tony's net paycheck. (see above)
- 29) A TV regularly sells for \$450. The store has a 20% off sale on all items in the store. Find the total cost of the TV, including 7% sales tax.
- 30) A cordless drill regularly sells for \$90. The sticker says to take \$15 off of the regular price. What percent off (discount) is this?
- 31) Faye bought a dress but forgot the regular price of the dress. However, she remembered that the sales tax on the dress was exactly \$6.50 . If the sales tax rate is 6%, find the regular price of the dress.
- 32) Terri invested \$5,000 in a money market certificate. The certificate earns 5% (simple) annual interest. How much money will they return to her at the end of 4 years?
- 33) Joe's savings account earns $6\frac{1}{2}\%$ (simple) annual interest. If Joe deposits \$3000 in the account, how much will he have in the account at the end of $2\frac{1}{2}$ years?
- 34) Convert 128 inches to feet.
- 35) Convert 725 mg to grams.
- 36) How many grams are in 2.5 kg?
- 37) Convert 45 mm to meters.
- 38) ADD: 5 ft. 10 in. and 6 ft. 4 in.
- 39) SUBTRACT: 10 yd. 1 ft. and 4 yd. 2 ft.
- 40) Cindy had triplets. Their weights were 6 lb. 9 oz. , 7 lb. 3 oz. and 6 lb. 14 oz. Find the total weight of the triplets.
- 41) Gary takes out a \$2000 loan. The loan company charges him 15% (simple) annual interest. If the loan is for 2 years, find the total amount that he will repay the loan company.
- 42) In problem 41 above, find his monthly loan payment.