

# WORKING FRACTIONS

## FINAL TEST

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- 1) In May of 1927, Charles Lindbergh made a non-stop flight across the Atlantic, a distance of 3,685 miles. It took him  $33\frac{1}{3}$  hours to make the trip. What was his average speed in miles per hour?
- 2) If a car travels for  $25\frac{5}{8}$  hours at the rate of 56 miles per hour, how many miles would it go.
- 3) If Jose earns \$24 per hour, how much does he earn every minute? How much does he earn in an 8 hour day? If he works 40 hours each week, how much does he earn per week? If he pays  $\frac{1}{3}$  of his earnings for taxes, how much does he pay each week for taxes? How much of his weekly earnings is left after paying his taxes?
- 4) If a hat is on sale at  $\frac{3}{10}$  off, that leaves \_\_\_\_\_ to pay. If the hat costs \$40 originally, you save \$\_\_\_\_\_ and the hat costs \$\_\_\_\_\_ on sale.
- 5) If there are 12 one pound grapefruit in a dozen, how many  $\frac{1}{2}$  pound grapefruit are there in a dozen? \_\_\_\_\_
- 6) Frank Frankly sells silver streak super suction vacuum cleaners. He is paid a commission of  $\frac{1}{3}$  for each vacuum cleaner that he sells. One day Frank sold 2 silver streaks for \$336 each. How much did Frank earn that day? \$\_\_\_\_\_ What

portion of the sale did the Silver streak Company get? \_\_\_\_\_  
How much money went to the Silver Streak company?  
\$ \_\_\_\_\_

7) Helmuth Gomez wants to sell his house. A realtor will sell it for him and charge him a commission of  $\frac{3}{50}$ . If his house sells for \$76,000, what will be the commission?

8) Which is the best buy, 50 ft of rope for \$5.95 or 33 ft for \$5.29?

9) Which is the best buy, Cran-Raspberry juice, 48 fl oz for \$2.97 or 64 fl oz for \$3.15?

10) In mixing cement, John uses a ratio of sand to cement of 3 to 2. If John puts 12 shovelfuls of cement in the mixer, how many shovelfuls of sand must he put in? If he puts in 12 shovelfuls of sand, how much cement must John put in?

11) A quart of water weighs 2 pounds. How much does a gallon of water weigh? How much does 5 gallons of water weigh?