What Time Is It?

Write the time shown below each clock.

1.

2.

3.

4.

5.

6.

7.

8.

9.

Count the Money

) $ _____

) $ _____

) $ _____

) $ _____
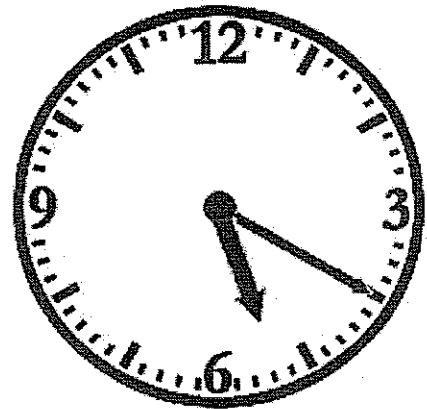
77.92 +33.56	99.21 - 39.76	49.71 +75.31	11.25 +13.23	70.19 - 16.83
73.37 +95.53	58.38 +25.29	77.55 - 52.91	83.33 - 24.75	91.72 - 62.38
44.58 +36.88	99.96 - 12.55	56.92 +17.92	45.59 +84.19	74.71 +94.38
73.73 +53.67	25.69 - 22.84	92.26 - 32.13	85.17 - 32.46	65.67 - 33.98

Converting Between Percents, Decimals, and Fractions

Convert Decimal to Percent

0.182 =   0.16 =   1.85 =

1.56 =   0.08 =   0.636 =

Convert Percent to Decimal

98.8 % =   99.3 % =   83 % =

69 % =   146 % =   53 % =

Convert Decimal to Fraction

0.898 =   1.58 =   1.87 =

1.76 =   0.357 =   0.36 =

Convert Fraction to Decimal

$\frac{36}{50}$ = $\frac{1}{10}$ = $\frac{5}{16}$ =

$\frac{42}{25}$ = $\frac{1}{8}$ = $\frac{9}{40}$ =

Convert Fraction to Percent

$\frac{4}{20}$ = $\frac{18}{10}$ = $\frac{1}{16}$ =

$\frac{18}{10}$ = $\frac{17}{10}$ = $\frac{9}{20}$ =

Convert Percent to Fraction

49 % =   27.5 % =   42 % =

151 % =   157 % =   32.3 % =

Calculate the gain or loss for each stock. Remember the percentage change in price can be calculated using the following formula:

$$\text{percentage change} = \frac{\text{change in price}}{\text{purchase price}} \times 100\%$$

Purchase Price	Price Sold	Change in Price	Percentage Change in Price
$36.13	$37.01		
$12.42	$12.27		
$58.43	$53.48		
$5.39	$6.02		
$44.95	$45.99		
$29.83	$28.75		
$9.48	$15.02		
$22.58	$22.59		

Calculate the commission you will pay for each transaction. The commission is 2% of the total transaction value. Round your answer to the nearest cent.

Number of Shares	Price per Share (bought or sold)	Commission
500	$22.40	
360	$12.72	
70	$95.48	
740	$41.29	
85	$30.57	
1050	$33.85	

1. Including commission, what is the total cost of buying:

a. 390 shares of a stock at a price of $45.92 per share?

b. 90 shares of a stock at a price of $12.38 per share?

c. 786 shares of a stock at a price of $36.00 per share?

d. all three stock purchases in a, b, and c?

2. Suppose you now decide to sell the stocks you bought in Question 1. After you pay a 2% commission for the sale of stock, how much value does your portfolio have when you sell:

a. 390 shares at $45.92 per share?

b. 90 shares at $12.38 per share?

c. 786 shares at $36.00 per share?

d. all three stock sales in a, b, and c?

1. If you know the number of shares you bought and the price per share, how would you calculate the total value of your investment (minus commission)?

2. If you bought 270 shares of DreamWorks Animation SKG, Inc. (DWA), in March for $26.45 a share, how much did you invest initially (minus commission)?

3. This is a table of closing prices from March to September for DWA stock.

Month	Price
March	$26.45
April	$27.10
May	$25.95
June	$22.90
July	$20.94
August	$21.19
September	$24.91

Make a table that shows how much your investment is worth during each of the months listed in the table.

Month	Price	Investment Value

Name : _____   Score : _____

Teacher : _____   Date : _____

Word Problems

1) Joan paid $7.95 total for grapes, after a 3 dollar coupon, and $14.04 for peaches with two $20 bills. How much change did Joan receive?   _____

2) Joan went to the mall. She paid $11.46 on a jacket and $14.27 on shorts with two $20 bills. She went to 4 shops. How much money did Joan get in change?   _____

3) Mary joined her school's band. She bought a violin for $76.43, and a song book which was $9.58 with a $100 bill. Mary found $5.38 in her pocket. How much change was Mary given?   _____

4) Jason purchased a basketball game for $4.19, and a racing game for $7.26 with a $20 bill. Jason already owns 4 games. How much change did Jason get?   _____

5) Joan bought 3 packs of football cards for $1.68 each, and a deck of Digimon cards for $14.41 with a $20 bill. Joan found $6.53 in her pocket. How much change did Joan get?   _____

6) Nancy got fast food for lunch. Nancy paid $1.50 on soup and $5.57 on a hamburger with a $10 bill. Nancy got a combo deal. What was the change from the purchase?   _____

7) Tim paid $7.77 on a cat toy, and a cage cost him $9.42 with a $20 bill. Tim also found a dollar bill on the ground. How much change did Tim receive?   _____

8) For his car, Benny paid $83.09 on speakers and $93.10 on new tires with two $100 bills. Benny couldn't afford 3 CD's for $11.14. How much did Benny get in change?   _____

9) On Saturday, Keith paid $7 each on two tickets to a movie theater. Popcorn was $3, but Keith didn't buy any. He also borrowed a movie for $4.04. Keith paid with a $20 bill. How much change did Keith get?   _____

10) Melanie bought toy cars for $9.94, and paid $5.26 on a football with a $20 bill. Melanie also paid $4.19 on pants. How much change from the purchase?   _____

Name : _____   Score : _____

Teacher : _____   Date : _____

Word Problems

Estimate the sum or difference by rounding each number to the nearest hundreds.

1) Jason's Cupcake Shop sold a total of 482 cupcakes today, and 356 of those had sprinkles. About how many cupcakes were sold without sprinkles?   _____

2) Tim is reading a book that contains 541 pages. He has read 181 pages. About how many pages were unread?   _____

3) Jason went hiking along the Appalachian Trail. He hiked 923 miles the first week, and 288 miles the second week. About how many miles did Jason hike?   _____

4) Tom owns 212 books and Fred owns 818 books. About how many books do they have together?   _____

5) There are 432 erasers in the drawer. Nancy placed 391 more erasers in the drawer. About how many erasers are now in the drawer?   _____

6) Joan grew 382 pumpkins and Jessica grew 473 pumpkins this year. About how many pumpkins did they grow together?   _____

7) Nancy has 778 green marbles, she gave Sara 199 of the green marbles. About how many green marbles does she now own?   _____

8) Tim has 472 baseball cards. Sara bought 232 of Tim's baseball cards. About how many baseball cards does Tim still own?   _____

9) Mike found 699 seashells on the beach, he gave Tim 229 of the seashells. About how many seashells does he now have?   _____

10) Benny worked on the farm storing bales of hay in the barn. The first day he stacked 627 bales and 731 bales on the second day. About how many bales were stored in the barn?   _____