

ROUNDING DECIMALS

Round to the nearest whole number.

- | | | | |
|--------|----------|-----------|-----------|
| 1. 7.4 | 2. 8.317 | 3. 171.68 | 4. 0.0018 |
| 5. 8.3 | 6. 7.42 | 7. 321.58 | 8. 0.9007 |

Round to the nearest tenth.

- | | | | |
|----------|-----------|------------|-----------|
| 9. 4.71 | 10. 32.28 | 11. 178.69 | 12. 39.04 |
| 13. 0.48 | 14. 6.528 | 15. 42.875 | 16. 3.55 |

Round to the nearest hundredth.

- | | | | |
|-----------|-----------|-----------|------------|
| 17. 0.341 | 18. 0.675 | 19. 2.509 | 20. 55.485 |
| 21. 7.534 | 22. 0.889 | 23. 0.025 | 24. 40.608 |

Round to the nearest thousandth.

- | | | | |
|------------|------------|------------|------------|
| 25. 0.0428 | 26. 0.4829 | 27. 0.3284 | 28. 8.4212 |
| 29. 0.0617 | 30. 0.6882 | 31. 7.4267 | 32. 4.0006 |

COMPUTING CHANGE

Compute the change for each story problem.

1. Milburn purchased a shirt for \$19.95 and a pair of pants for \$24.95. He paid \$3.14 in sales tax. What was his change from \$50?
2. Arlo bought several items that totaled \$13.49. What was his change from a \$20 bill?
3. Pamela spent \$73.28 at the “five and dime”. How much change did she get back from \$100?
4. Raoul bought a screwdriver set for \$14.98 and a pair of pliers for \$2.98. He paid \$1.33 in tax. What was his change from a \$20 bill?
5. Henry purchased a basketball for \$26.75 and a roll of duct tape for \$2.79. He paid \$0.39 in sales tax. What was his change from \$40?

6. Ami bought a cherry wood desk for \$259 and a desk chair for \$38.59. She paid no sales tax on the items. If she paid with three \$100 bills, how much change did she receive?

7. At the school cafeteria, Phil bought two sandwiches at \$1.75 each, 3 cookies for \$0.50 each, and a soda for \$1.09. If there was no sales tax, what was his change from \$10.00?

8. Baker purchased a dozen golf balls for \$12.50, a bag of tees for \$1.79, and a golf shirt for \$27.99. He paid \$2.96 in sales tax. What was his change from \$50.00?

9. Lucas spent a total of \$14.79 on cat food. How much change did he get back from \$20.00?

10. Freddie purchased five cassette tapes for \$3.95 each. He paid \$1.11 in sales tax. How much change did he receive from \$30.00?

MULTIPLYING DECIMALS

Multiply. Round money problems to the nearest penny.

1. 0.321×23

2. 8.36×0.7

3. 4.05×7.2

4. $\$32.00 \times 0.065$

5. 5.12×0.08

6. $\$8.95 \times 0.05$

7. 4.92×0.008

8. 2.77×2.4

9. $\$8.49 \times 0.06$

10. 12.06×0.54

11. 4.69×0.32

12. 0.0123×0.23

13. 8.193×0.07

14. $\$16.95 \times 0.09$

15. $\$2.95 \times 0.075$

ELAPSED TIME

Determine the elapsed time.

1. Anna started her job at the night club at 8:30 p.m. and clocked out at 2:45 a.m.
2. Bernadette babysat for her Aunt Chelsea. She began at 2:45 p.m. and was done by 5:20 p.m.
3. Deedee started her trip at 6:10 a.m. and finally arrived at 9:42 p.m.
4. Eloise worked from 1:58 p.m. to 9:15 p.m.
5. Frieda was to start her new job at Floor-Mart on Tuesday. She began at 7:45 a.m. and was done at 3:30 p.m.
6. Gloria worked from 8:45 p.m. to 3:10 a.m.

MORE ON ELAPSED TIME

Solve.

1. Adrian worked for 7 hours 30 minutes on Tuesday. He clocked out at 5:00 p.m. At what time did he begin work?
2. Bud started work today at 8:45 a.m. He worked 8 hours and 20 minutes before leaving for the day. At what time did Bud finish work today?
3. Seth forgot to punch in when he began work today. He knew he finished his work in exactly 6 hours and 30 minutes at 3:15 p.m. What time did he begin work?
4. Dirk clocked in at his job at 8:40 a.m. He worked for 8 hours 45 minutes. At what time did he finish work that day?

5. Edgar logged 7 hours 45 minutes at work yesterday. If he finished at 4:30 p.m., at what time did he begin?

6. Ferdinand started out on his vacation last Thursday at 5:15 a.m. He drove for 14 hours 35 minutes before stopping for the night. At what time did he stop?

7. Grady checked out of work at 10:05 p.m. after working 6 hours and 45 minutes. When did he check in for work that day?

8. Howard took 5 hours 15 minutes to work his shift at the Peking Duck Company. He started his work at 9:50 a.m. At what time did he finish work that day?

GROSS PAY

Find the gross pay for each story problem.

1. Harriet earned \$7.75 per hour and works 40 hours each week. How much does she earn per week?
2. Cathy earns \$15.00 per hour and worked 36 hours last week. How much did she earn last week?
3. Alan earns \$11.85 per hour. This week, due to company cut backs, he worked only 12 hours. How much did he earn?
4. Vic worked 37.5 hours last week at a job that pays \$6.25 per hour. What was he gross pay?
5. Perry worked 17 hours at a job that pays \$8.80 per hour. How much did he earn?

6. Hamilton receives \$9.25 per hour to work for the city. Last week he worked 38 hours. How much did he earn?

7. Burton works at the drive-in movie for \$5.50 an hour. He worked 40 hours this past week. What is his gross pay?

8. Dolly earns \$14.70 per hour working at the mall. She put in 25 hours last week. How much did she earn?

9. Molly earns \$35 per hour working as a private tutor. If she worked 7.5 hours last week, how much did she earn?

10. Holly worked at Fischer's Drive-in and was paid at a rate of \$6.85 per hour. If she worked for 28 hours last week, how much did she earn?

CONVERTING FRACTIONS AND MIXED NUMBERS TO DECIMALS

Convert to decimals.

1. $\frac{3}{5}$

2. $\frac{5}{8}$

3. $\frac{1}{5}$

4. $\frac{5}{9}$

5. $\frac{7}{16}$

6. $\frac{1}{3}$

7. $\frac{7}{8}$

8. $\frac{9}{10}$

9. $\frac{5}{6}$

10. $\frac{1}{4}$

11. $\frac{3}{4}$

12. $\frac{1}{6}$

13. $\frac{5}{11}$

14. $\frac{7}{12}$

15. $\frac{2}{9}$

16. $17\frac{2}{3}$

17. $9\frac{1}{2}$

18. $3\frac{2}{5}$

19. $1\frac{5}{8}$

20. $7\frac{4}{11}$

CONVERTING DECIMALS TO FRACTIONS

Convert the following to fractions or mixed numbers.

1. 0.45

2. 0.7

3. 0.28

4. 0.92

5. 0.47

6. 0.74

7. 0.875

8. 0.5

9. 0.8

10. 0.125

11. 3.4

12. 16.25

13. 8.3

14. 14.32

15. 6.425

16. 17.78

17. 19.76

18. 5.15

19. 4.17

20. 8.74

CONVERTING HOURS INTO DECIMALS

Convert the hours into decimals.

1. 3 hours 30 minutes = _____

2. 2 hours 45 minutes = _____

3. 5 hours 12 minutes = _____

4. 1 hour 36 minutes = _____

5. 7 hours 15 minutes = _____

6. 4 hours 18 minutes = _____

7. 9 hours 42 minutes = _____

8. 8 hours 24 minutes = _____

9. 6 hours 48 minutes = _____

10. 4 hours 54 minutes = _____

11. 5 hours 20 minutes = _____

12. 7 hours 40 minutes = _____

13. 8 hours 10 minutes = _____

14. 2 hours 27 minutes = _____

15. 5 hours 9 minutes = _____

DETERMINING GROSS PAY FROM ELAPSED TIME

Determine the gross pay in each word problem.

1. Brent started painting the house at 8:30 a.m. He finished for the day at 4:00 p.m. He earned \$7.50 per hour.
2. Walter took 3 hours 45 minutes to fix the engine problems of the car brought into his auto repair shop. He earned \$36 per hour.
3. Roger works at the Lincoln Savings and Loan. He starts his work day at 8:45 a.m. and finishes working at 5:30 p.m. He gets paid \$12.50 per hour.
4. Tulia began work at 7:05 a.m. and finished at 2:01 p.m. She earned \$8.75 per hour.
5. Carlo started his job at the Sirloin Stockade at 9:30 a.m. He finished at 5:45 p.m. He earned \$14.60 per hour.

6. Jamie started work at his job at 8:30 a.m. He finished at 5:15 p.m. He earns \$8.40 per hour.

7. SueAnn took 4 hours and 15 minute to do all the laundry. She earned \$5.50 per hour.

8. Kerrie started at 9:15 a.m. and finished working at 3:30 p.m. She earns \$10.00 per hour.

9. Moe began his day as a school counselor at 7:00 a.m. and finished at 1:15 p.m. He earns \$22.50 per hour.

10. Marissa works as a waitress at a local restaurant and earns \$6.50 per hour. She started her shift at 6:30 a.m. and finished at 2:00 p.m.

OVERTIME WAGES

Determine the gross pay each worker earned. Overtime is time-and-a-half for working more than 8 hours per day or more than 40 hours a week.

1. Charlotte earns \$10.50 per hour as a seamstress. Last week she worked 48 hours for her company.
2. Bart worked 13 hours Monday at his job at the Hamburger Hut. He makes \$6.50 per hour.
3. Sierra makes \$5.50 per hour at the Glove Factory. Last week she worked 55 hours.
4. Laverne had to stay late at her job last Friday and ended up working 12 hours. She regularly earns \$10.80 per hour.

5. Newman works at the post office and regularly earns \$16.10 per hour. Last week he had to stay late twice, and this resulted in him working 50 hours.

6. Kramer earns \$7.90 per hour and worked 11 hours last Tuesday.

DETERMINING THE BEST BUY

Find the best buy. Use unit pricing to answer the questions.

1. Which costs the least per ounce, 10 ounces of toothpaste for \$0.79 or 8 ounces for \$0.54?
2. Which is the least per pound, 30 pounds of cat food for \$26.70 or 20 pounds for \$18.20?
3. Which costs the most per cassette, a five pack for \$9.25, a twelve pack for \$21.00, or an 18 pack for \$34.02?
4. Which costs the least per pound, 15 pounds of potatoes at \$2.79, 20 pounds for \$3.55, or 25 pounds for \$3.89?
5. Which is the better buy, a six pack of cola for \$1.49 or a 20 pack of cola for \$4.99?

6. Which costs more, apples selling at 4 for \$0.99 or apples selling for 6 for \$1.39?

7. Which is the best buy, 4 rolls of toilet paper for \$1.29, 12 rolls for \$3.79, or 30 rolls for \$8.75?

8. Which is the best buy, a package of gum containing 5 sticks for \$0.25, a package containing 20 sticks for \$1.09, or a multi-pack package containing 50 sticks for \$2.39?

9. Which costs less per ounce, 14 ounces of coffee for \$2.89 or 48 ounces of coffee for \$8.89?

10. Which costs more per bagel, a package of four bagels at \$1.79 or a package of six bagels at \$2.59?

MISCELLANEOUS PROFIT STORY PROBLEMS

Solve.

1. Rocky purchased a night crawler farm kit and decided to make money raising them. The farm kit cost \$100 and came with 150 night crawlers and 400 capsules, each containing five baby night crawlers. He plans to sell the night crawlers for \$1.50 per dozen. How many dozen will Rocky have to sell in order to make a profit?

2. Travis had a harlequin Great Dane with a pedigree that was considered excellent. He decided to breed his dog to raise puppies to sell and earn money. He withdrew some money from his savings to pay for \$400 stud fees, \$250 for vet costs, and \$100 for food. His dog had seven healthy puppies, which he sold for \$500 each. He had to pay \$30 for each puppy for shots, \$75 for puppy food, and \$25 for miscellaneous. After putting the money back in his savings that he initially withdrew, how much of a profit did Travis have?

3. Taylorville High School's baseball team needed money for new equipment. They decided to sell bags of sunflower seeds to raise the money. They bought 500 bags of sunflower seeds for \$750. The baseball team members sold the bags for \$2.50 each. How much money did they raise after all the bags had been sold?

4. Calvin decided to go into the lawn care business. He spent \$500 for equipment and bought 250 flyers for \$0.15 each. He distributed the flyers and almost immediately received calls from potential customers. He decided to charge \$40 per lawn. He had to spend an additional \$50 for more equipment. He figured on approximately \$1 for gas for each lawn. How many lawns would Calvin have to service until he makes \$500 profit?

COMPARING DECIMALS

Order each set from least to greatest.

1. 0.065, 0.605, 0.6, 0.65

2. 0.9, 0.93, 0.39, 0.09

3. 0.2, 0.02, 0.022, 0.24

4. 0.8, 0.79, 0.08, 0.88

5. 0.1, 0.101, 0.01, 0.11

6. 0.07, 0.72, 0.702, 0.2

7. 0.003, 0.33, 0.037, 0.3

8. 0.27, 0.702, 0.207, 0.77

9. 0.4, 0.04, 0.44, 0.444

10. 0.67, 0.076, 0.76, 0.6

Order each set from greatest to least.

11. 0.044, 0.4, 0.47, 0.04

12. 0.2, 0.234, 0.25, 0.24

13. 0.01, 0.17, 0.017, 0.107

14. 0.8, 0.801, 0.81, 0.08

15. 0.47, 0.07, 0.7, 0.4

16. 0.34, 0.03, 0.034, 0.3

17. 0.052, 0.5, 0.08, 0.52

18. 0.712, 0.21, 0.072, 0.71

19. 0.5, 0.55, 0.505, 0.005

20. 0.038, 0.08, 0.308, 0.38

DECIMAL STORY PROBLEMS

Read carefully and solve.

1. Miles can have his radiator replaced at the shop for \$72.50, or he can do it himself for \$32.85. How much does he save by doing the work himself?
2. Jorge buys a CD advertised on the television. It costs \$19.95. If he pays for it in three equal installments, how much is each payment?
3. Jodie bought 6 boxes of Girl Scout cookies for \$4.25 each. How much did she spend?
4. Abe bought 4.5 pounds of chicken at \$0.79 per pound. What was the total cost of the chicken?
5. The Griswald family brought \$500 with them for their day at Wallyworld, America's favorite theme park. At the end of the day, they had \$35.95 left. How much did they spend at Wallyworld?

6. Kappa Mu Epsilon needs to earn \$1,255.45 to put on their annual carnival. If they sell candy bars at \$1.75 each, how many will they need to sell to raise the money?

7. Central Junior High spent \$1,946.25 on 45 Algebra I books. How much did each book cost?

8. Jim's pet store sold 645.5 pounds of dog food, 575.25 pounds of cat food, 95.5 pounds of ferret food, and 74.25 pounds of birdseed all on the same day. How many pounds of animal food did he sell total?

9. James bought an old car for \$1,250.75 and then sold it to a collector for \$3,500. How much money did James make on the car?

10. An antique desk that regularly sells for \$259 is on sale for \$194.55. How much can be saved by buying it on sale?

11. Before going to the movies, Larry bought 1.45 pounds of orange slices at \$1.95 per pound. How much did he spend on the candy?
12. Paul has \$10.00 to buy batteries. If each battery costs \$0.75, how many can he buy?

CUMULATIVE REVIEW

Round the numbers to the nearest tenth.

1. 47.235 _____ 2. 5.471 _____ 3. 0.071 _____

Round the number to the nearest hundredth .

4. 22.497 _____ 5. 1042.774 _____ 6. 19.004 _____

Round the numbers to the nearest thousandth.

7. 4.0174 _____ 8. 0.00492 _____ 9. 18.1885 _____

Multiply.

10. 5.32×0.075 11. 0.754×3.2 12. 19.3×0.0006

Divide.

13. $1.728 \div 0.054$ 14. $173.43 \div 12.3$ 15. $4.77 \div 0.09$

Convert to a fraction.

16. 0.35 17. 0.92 18. 0.912

Convert to a mixed number.

19. 6.25

20. 8.875

21. 17.8

Convert to a decimal.

22. $\frac{89}{100}$

23. $1\frac{4}{5}$

24. $10\frac{1}{3}$

Arrange in order from least to greatest.

25. 0.4, 0.44, 0.404, 0.04

26. 0.035, 0.307, 0.033, 0.3

27. 2.75, 2.07, 0.57, 0.5

Arrange in order from greatest to least.

28. 0.47, 0.4, 0.047, 0.407

29. 0.28, 0.3, 0.208, 0.33

30. 4.63, 3.68, 4.608, 4.9

Read carefully and solve.

31. Store A sells folding chairs for \$17.55 each. Store B sells the same type of chairs for \$15.88 each. How much can be saved by buying a chair for Store B?

32. Oatmeal sells for \$4.79 for a 15 pound box. A six pound box costs \$1.99. Which is the better buy?

33. Charlotte purchased a can of tomato juice for \$2.19, four apples for \$0.29 each, and a package of trash can liners for \$3.79. She paid \$0.50 for sales tax. How much change did she receive if she paid with a ten dollar bill?

34. Rick makes \$7.75 per hour washing dishes at the truck stop. If he worked 25 hours, how much was his gross pay?

35. Hobart earns \$11.55 per hour working for the city. He clocked in Monday at 7:30 a.m. and clocked out at 4:15 p.m. How much was his gross pay?

- 1.) $7.68 \div 3 =$ A. 256.0
 B. 25.6
 C. 2.56
 D. 0.256
- 2.) Juan purchased items costing \$8.75, \$5.40, and \$12.35. How much change will he receive if he gave the cashier three ten-dollar bills?
- A. \$26.50
B. \$4.50
C. \$5.00
D. \$6.50
E. \$3.50
- 3.) Jane works for \$3.80 an hour. If she works 32 hours, how much money does she make?
- A. \$111.60
B. \$114.00
C. \$121.60
D. \$152.00
- 4.) A package of 12 pencils costs 60¢. A package of 20 pencils costs \$1.20. In which package does a pencil cost less?
- A. The package of 12 costs less per pencil.
B. The package of 20 costs less per pencil.
C. The cost per pencil is the same for the two packages.
D. Cannot be determined from the information given.
- 5.) The price of new stereo is \$149.90 and the sales tax is \$8.50. How much would your monthly payments be if you pay for the stereo in 12 equal monthly installments?
- A. \$12.30
B. \$12.60
C. \$13.20
D. \$16.20

- 6.) You can buy a new set of golf clubs at The Sports Club for \$149.95. A catalog offers the set for \$129.50 plus \$3.25 for shipping and handling. How much can be saved by purchasing the golf clubs through the catalog?
- A. \$12.70
 - B. \$17.20
 - C. \$20.45
 - D. \$40.25
 - E. \$132.75
- 7.) What is the best estimate of the cost of 1 hot dog if 8 hot dogs cost \$2.33?
- A. \$.20
 - B. \$.24
 - C. \$.25
 - D. \$.30
 - E. \$.40
- 8.) It costs \$24 per day plus \$0.08 per mile to rent a certain car. Jeanne's charges for a one-day rental were \$42.32. How many miles did she drive the car?
- A. 829 miles
 - B. 529 miles
 - C. 300 miles
 - D. 229 miles
 - E. 53 miles
- 9.) Van, Cedric, and Shauna joined a friend for lunch. The bill total was \$29.20. They decided to leave a dollar tip each and divided the bill evenly. What was each person's share?
- A. \$10.73
 - B. \$9.73
 - C. \$8.73
 - D. \$8.30
 - E. \$7.30

Full Size or Citizens Daily Rates
 Car Class Economy

Adults \$15.00 plus \$2.50
 15¢ per mile
 Children \$20.00 plus \$1.25
 20¢ per mile

10.) You and three friends are going to split a bill of \$36.48 evenly. How much will each of you have to pay?

- A. \$6.08
- B. \$12.16
- C. \$ 9.12
- D. \$109.44
- E. \$145.92

Intermediate \$25.00 plus
 22¢ per mile

\$30.00 plus
 25¢ per mile

11.) Look at the table. What is the total admission price to a basketball game for 3 adults, 2 senior citizens, and 4 children?

- A. \$18.00
- B. \$17.00
- C. \$16.50
- D. \$16.00

12.) The Kinder family rented a full-size car for 10 days and drove 1000 miles. How much did this cost them?

- A. \$250.00
- B. \$300.00
- C. \$325.00
- D. \$550.00

LUNCH MENU

SALAD	\$0.45
FRENCH FRIES	\$0.85
HAMBURGER	\$2.50
FISH SANDWICH	\$1.75
STEAK SANDWICH	\$3.50
PIE	\$0.65
CAKE	\$0.75

LUNCH SPECIAL

SALAD, HAMBURGER,
FRENCH FRIES and PIE
\$3.95

- 13.) How can you find out how many lunch specials you can buy for \$20.00?
- A. add \$3.95 and \$20.00
 - B. divide \$20.00 by \$3.95
 - C. multiply \$20.00 by \$3.95
 - D. subtract \$3.95 from \$20.00

- 14.) A family of 6 each ordered a salad, a steak sandwich, and a piece of cake. How much was the total bill?
- A. \$4.70
 - B. \$21.00
 - C. \$23.70
 - D. \$28.20

- 15.) The price for cashews is \$7.50 per pound. If you buy 0.46 lb at the grocery store and 0.38 lb at the specialty store, how much will you pay altogether?
- A. \$13.80
 - B. \$7.50
 - C. \$6.30
 - D. \$3.45
 - E. \$2.85

- 16.) If you go to the grocery store with \$10, which of the following could you buy?

Item	Cost
Milk	\$2.05 gallon
Bread	\$1.25 loaf
Apples	\$1.80 lb
3 lbs of beef	\$5.05 each

- A. 1 gallon of milk, 1 lb of apples, 3 lbs of beef, 1 loaf of bread
 - B. 1 lb of apples, 2 loaves of bread, 3 lbs of beef
 - C. 2 gallons of milk, 2 lbs of apples, 2 loaves of bread
 - D. 1 gallon of milk, 2 lbs apples, 1 loaf of bread, 3 lbs of beef
 - E. 2 gallons of milk, 1 lb of apples, 3 lbs of beef
- 17.) Francesca has \$60.00. She wants to purchase a hat for \$32.50, two scarves for \$15.75 each, and one hair ribbon priced at 4 for \$1.00. How much more money does she need?
- A. \$49.25
 - B. \$10.75
 - C. \$5.00
 - D. \$4.25
 - E. she has enough money
- 18.) Max has a coupon that offers \$1.75 off on one cassette tape. Music Palace is offering to double up to \$1.00 of the face value of any coupon. What will it cost Max to purchase 2 cassette tapes that sell for \$7.95 each, before adding the sales tax?
- A. \$10.40
 - B. \$ 12.40
 - C. \$13.15
 - D. \$14.15
 - E. \$15.90

DATE	CHECK ISSUED TO OR DESCRIPTION OF DEPOSIT	AMOUNT OF CHECK	CHECK FEE (IF ANY)	AMOUNT OF DEPOSIT	BALANCE
					\$ 108.50

DATE	CHECK ISSUED TO OR DESCRIPTION OF DEPOSIT	AMOUNT OF CHECK	CHECK FEE (IF ANY)	AMOUNT OF DEPOSIT	BALANCE
					\$ 108.50
1/20	Deposit				\$20 00
1/23	Deposit				\$ 17 50
1/25	Deposit				\$ 12 25
253	1/28 Cash		\$ 51	30	

- 19.) Susan has \$108.50 in her checking account. If she makes deposits of \$20.00, 17.50, and \$12.25, then withdraws \$51.30, what amount will remain in her account?
- \$49.75
 - \$113.30
 - \$158.25
 - None of the above
- 20.) Francesca has \$60.00. She wants to purchase five frozen pizza for \$6.50 each, five bags of snack mix for \$3.15 each, three cases of soda at \$5.25 each, and one package of gum priced at 4 for \$1.00. How much more money does she need to purchase these supplies for her party? There is no sales tax on these food items.
- \$49.25
 - \$10.75
 - \$5.00
 - \$4.25
 - She has enough money.
- 21.) Bill started working on his algebra assignment at 4:15 p.m. He took a break at 5:45 p.m. for 2 hours. He continued working on his assignment until 9:30 p.m. How long did he work on his algebra assignment?
- 2 hours and 45 minutes
 - 3 hours and 30 minutes
 - 3 hours and 45 minutes

- D. 4 hours and 15 minutes
E. 3 hours and 15 minutes
- 22.) A pilot took off in her plane at 11:32 p.m. She flew for 3 hours and 55 minutes before she landed. At what time did she land?
- A. 5:27 a.m.
B. 3:37 a.m.
C. 3:55 a.m.
D. 15:27 p.m.
E. 14:47 p.m.
- 23.) The running time on the videotape that Gerando rented was 112 minutes. Gerando began watching the movie at 7:45 p.m. At what time did the movie end?
- A. 10:07p.m.
B. 9:45 p.m.
C. 9:37p.m.
D. 8:57 p.m.
E. 7:57 p.m.
- 24.) A movie started at 6:15 p.m. and lasted 3 hours and 37 minutes. What time did it end?
- A. 8:52 p.m.
B. 9:15 p.m.
C. 9:37 p.m.
D. 9:52 p.m.
E. 10:02 p.m.
- 25.) It took Juan 2 hours and 35 minutes to drive home. He arrived home at 1:25 p.m. What time did he leave?
- A. 10:50 a.m.
B. 11:10 a.m.
C. 11:25 a.m.
D. 12:10 p.m.
- 26.) Luis watched his little cousin from 10:30 a.m. until 3:15 p.m. His aunt paid him \$2.00 per hour. How much money did Luis earn?
- A. \$6.30
B. \$6.50

- C. \$9.50
 - D. \$10.00
 - E. \$14.30
- 27.) Luis watched his little cousin from 9:30 a.m. until 4:15 p.m. His aunt paid him \$3.00 per hour. How much money did Luis earn?
- A. \$12.45
 - B. \$19.35
 - C. \$20.25
 - D. \$21.75
 - E. \$23.25
- 28.) Bill, a television repair person, charges a \$25 service charge for a house call. This service charge includes the first hour of work. For each additional hour or part of an hour, he charges \$15. Last Saturday he made 4 house calls; lasting 1 hour 30 minutes, 2 hours and 15 minutes, 1 hour, and 3.75 hours. How much were his total charges for the day?
- A. \$100
 - B. \$190
 - C. \$205
 - D. \$227
 - E. \$220
- 29.) Mark earns \$8.50 an hour for working 8 hours per day or 40 hours per week. Overtime is time-and-a-half for working more than 8 hours per day or more than 40 hours a week. Below is his time card for last week. Before deductions, what did Mark earn last week?

8 hours	Off	5 hours	2 hours 30 minutes	9 hours

- A. \$212.50
 - B. \$208.25
 - C. \$204
 - D. \$24.50
 - E. \$24
- 30.) If Mary earns \$4.00 an hour and is paid time and a half for any work over 8 hours a day, how much would she earn for a 10-hour day?
- A. \$32.00
 - B. \$40.00

- C. \$44.00
- D. \$48.00

31.) Which of the following numbers is smaller than 13.4 and larger than 13.2?

- A. 1.325
- B. 13.25
- C. 132.5
- D. None of the above

32.) Which list of numbers are in order from largest to smallest?

- A. 1.4, 1.41, 1.411
- B. 1.602, 1.41, 1.416
- C. 2.6, 4.1, 3.92
- D. 2.16, 1.9, 1.87
- E. 2.18, 2.2, 2.01

33.) Which of the following isn't between $\frac{1}{2}$ and $\frac{3}{4}$?

- A. 0.25
- B. 0.3
- C. 0.45
- D. 0.7
- E. 0.77

34.) Rearrange the following numbers from largest to smallest.

{ 0.3, 0.097, 0.29, 0.0632 }

- A. {0.29, 0.3, 0.097, 0.0632}
- B. {0.3, 0.29, 0.0632, 0.097}
- C. {0.3, 0.29, 0.097, 0.0632}
- D. {0.0632, 0.097, 0.29, 0.3}
- E. {0.097, 0.0632, 0.29, 0.3}

35.) Pam lives 2.5 km from where she works. How far does Pam travel to and from work each week if she works five days a week?

- A. 12.5 km
- B. 25 km
- C. 62.5 km
- D. 125 km
- E. 250 km

36.) Mr. Wang bought 5 cans of oil at \$1.45 per can. Which expression would you use to best estimate how much he paid for the oil?

- A. $3 \cdot 1\frac{1}{2}$

- B. $5 \cdot 2$
 - C. $5 \cdot 1$
 - D. $5 \cdot 1\frac{1}{2}$
 - E. $3 \cdot 5$
- 37.) A small round swimming pool for children has a volume of 20 cubic feet. About how many gallons of water will be needed to fill the pool if each cubic foot of pool holds about 7.5 gallons of water?
- A. 15 gallons
 - B. 60 gallons
 - C. 27.5 gallons
 - D. 150 gallons
 - E. 275 gallons
- 38.) A pilot took off in her plane at 10:23 a.m. She flew for 3 hours and 42 minutes before she landed. At what time did she land?
- A. 7:19 a.m.
 - B. 12:45 p.m.
 - C. 1:17 p.m.
 - D. 2:05 p.m.
 - E. 3:42 p.m.
- 39.) Tacos cost \$1.25, enchiladas cost \$2.50. If you buy 8 items and you are charged \$15.00, how many of each item did you buy?
- A. 4 tacos and 4 enchiladas
 - B. 2 tacos and 6 enchiladas
 - C. 6 tacos and 2 enchiladas
 - D. 0 tacos and 8 enchiladas
 - E. 3 tacos and 5 enchiladas
- 40.) Bea, Albert, and Lorna joined a friend for lunch. The bill total was \$23.20. They each decided to leave a dollar tip and divided the bill evenly. What was each person's share, including the tip?
- A. \$8.75
 - B. \$7.75
 - C. \$6.80
 - D. \$6.05

E. \$5.80

- 41.) Fred is at the supermarket. He has collected the items listed on the chart below in his shopping cart, but he has only \$12 to spend. What is the least expensive item he can put back and still have enough money to pay for the other items?

- A. Shampoo
- B. Cookies
- C. Juice
- D. Ice Cream
- E. Potatoes

Items	Cost
Shampoo	\$2.95
Cookies	\$3.00
Juice	\$1.89
Ice Cream	\$4.80
Potatoes	\$2.29

- 42.) A camera store charges \$6.29 to develop a roll of 24-exposure color film plus \$0.17 for each additional print. What is the total charge to develop a roll of 24 exposure and make a second print each picture?

- A. \$12.58
- B. \$10.37
- C. \$8.16
- D. \$6.46
- E. \$4.08