

- 1) The stores are having discount sales on winter jackets.
 - Store A has the jacket 30% off the regular price of \$189.
 - Store B has the jacket 20% off the regular price of \$156

What is the difference between the sale prices of the two stores?

- 2) Jamie earns \$325 per week working in a computer store. In addition she earns 5% commission on all of her sales. Last week, she sold \$3,200 worth of computers.

What was Jamie's total income for the week?

- 3) Olivia's Prom dress was regular \$225.
 - The dress was on sale for 15% off.
 - The sales tax was 7%.

What was the final price for Olivia's dress including tax?

- 4) Ms. Bradshaw is planning to stock up on pencils for next year.
 - Staple's has 3 packs of 24 pencils on sale for \$2.97.
 - Office Max has 5 packs of 16 pencils on sale for \$4.

What is the best price per pencil?

- 5) A Wahoo can swim 100 meters in 4 seconds. A Marlin can swim 70 meters in 3.5 seconds. How much faster is the Wahoo than the Marlin?
- 6) The builder is determining the size of the garage door needed for the house he is building. One inch on the blue print represents 10 feet in real life. If the garage door on the blue print is $2\frac{3}{4}$ of an inch, how wide does the garage door need to be?
- 7) Deonte' is preparing for his college entrance exams. In a practice test, she answers 14 problems in 30 minutes. At this rate, how many questions can she expect to answer in 150 minutes?
- 8) In a survey, 3 out of 5 people named chocolate chip cookies as their favorite cookie, 2 out of 7 people named oatmeal cookies. If 2000 people were included in the survey, about how many named neither chocolate chip or sugar cookies as their favorite type?
- 9) Donna makes cakes. To make 5 cakes she uses $3\frac{3}{4}$ cups of sugar. How many cups of sugar are needed to make 2 cakes?
- 10) One lap around the killer whale pool is one-seventh of a mile. If the whale swam a distance of 13 laps in 3 minutes and 15 seconds, what was the whale's average speed in miles per minutes?
- 11) Antoinette needed the perfect shade of purple for her picture she mixed 1 tsp of blue with $1\frac{1}{2}$ tsp of red. If she needs 5 tsp of purple how much red paint will Antoinette need?
- 12) Sports Performance has Volleyball's on sale for 25% off. The volleyball was originally \$35. If the sales tax is 5%, what is the purchase price?