

Fun Word Problems Sheet Eight

You must get all parts of a problem correct to get the point, so be careful and check your work!

1. Find the perimeter of a rectangle whose length is twice its width, and its width is:

- (a) 3 feet
- (b) 5 feet
- (c) 2 feet
- (d) 7 inches
- (e) x feet

2. Find the area of a rectangle whose width is one-half of its length and its length is:

- (a) 4 feet
- (b) 10 inches
- (c) 3 feet
- (d) 7 inches
- (e) x inches

3. Find the new price of a shirt if the price has gone up by 20% and the old price was:

- (a) \$10
- (b) \$30
- (c) \$25
- (d) \$17
- (e) $\$x$ (please simplify by combining like terms)

4. Find the number of ounces of real fruit juice in a drink which contains 10% real fruit juice and has volume:

- (a) 8 ounces
- (b) 16 ounces
- (c) 24 ounces
- (d) 87 ounces
- (e) x ounces

5. Find a person's new hourly wage if they got a wage increase of 5% and their old wage was:

- (a) \$10 per hour
 - (b) \$12 per hour
 - (c) \$20 per hour
 - (d) \$7 per hour
 - (e) \$ x per hour
- (please simplify by combining like terms)