

**Problem**

$$1 \text{ yard} = 3 \text{ feet}$$
$$1 \text{ foot} = 12 \text{ inches}$$

Convert the following:

- (A) 1 yard to inches
- (B) 14 inches to feet
- (C) 12 feet to yards
- (D) Create and solve 2 conversion problems of your own (using yards, inches, and feet)

**Problem**

Rewrite the percentages as a fraction and as a decimal.

- (A) 2%
- (B) 86%
- (C) 0.7%
- (D) 113%
- (E) Create and solve 2 conversion problems of your own (using percentages, fractions, and decimals)

**Problem**

Some items in the table below are taxed at 6.5% and some are not.

Grapes	\$2.09 per pound	tax-exempt
Gift Card	\$25.00 per card	taxed
Saltines	\$1.75 per box	tax-exempt
Toothpaste	\$2.00 per tube	taxed
Toilet Paper	\$5.50 per case	tax-exempt
Ice pack	\$1.30 per pack	taxed
Trash bags	\$4.70 per box	taxed

How much tax will you end up paying if you buy 2 pounds of grapes, a box of saltines, and toilet paper?

- (A) \$0
- (B) \$11.43
- (C) \$7.43
- (D) \$0.74

How much tax will you end up paying if you buy one unit of each taxed item listed in the table?

- (A) \$2.01
- (B) \$1.45
- (C) \$2.15
- (D) \$1.98

What will your total cost be if you buy 2 pounds of grapes, 2 boxes of trash bags, a gift card, and a tube of toothpaste? Round the total to the nearest dollar.

- (A) \$43
- (B) \$41
- (C) \$39
- (D) \$7

**Problem**

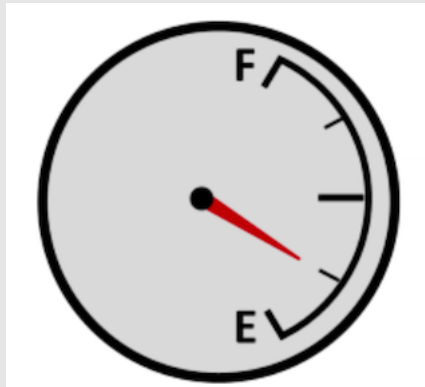
Use the formula to convert the temperature from degrees Celsius to degrees Fahrenheit.

$$^{\circ}\text{C} \times 1.8 + 32 = ^{\circ}\text{F}$$

- (A)  $0^{\circ}$
- (B)  $44^{\circ}$
- (C)  $100^{\circ}$
- (D)  $180^{\circ}$

**Problem**

Taylor stops by the gas station on the way to work to fill up their tank. Gas currently costs \$2.99 per gallon and the car holds 12 gallons on a full tank. How much does Taylor spend filling up the rest of the tank?



Refer to the image above for the amount of gas currently in the car's tank.

- (A) \$17.94
- (B) \$26.91
- (C) \$8.97
- (D) \$35.88