Ratios	Unit Price	Setting a Price	On Sale!	Currency
100	100	100	100	100
200	200	200	200	200
300	300	300	300	300
400	400	400	400	400
500	500	500	500	500

Fred can type 3036 words in 22 minutes. How many words can he type in 10 minutes?

He can type 1380 words in 10 minutes.

100
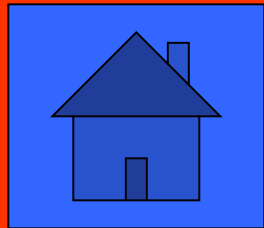
A recipe for chocolate chip cookies contains:
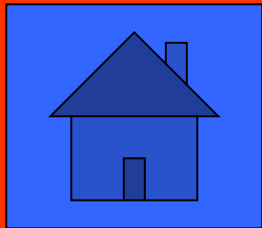
$$2\frac{1}{4} \text{ cups of flour}$$

$$\frac{3}{4} \text{ cups of brown sugar}$$

$$1 \text{ cup of butter}$$

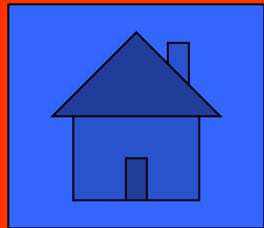$$2\frac{1}{2} \text{ cup of chocolate chips}$$

What is the ratio of flour to chocolate chips?
Your answer must be in whole numbers!!

The ratio of

Flour to chocolate chips is

9:10

If 4 cans of paint cover 192 m^2 of wall space, how many cans of paint will you need to cover 270 m^2?.

You will need 5.625cans, which will round to 6 cans

A restaurant buys a 4 lb jar of peanut butter for $10.99. If the restaurant bought $43.96 worth of peanut butter. How many pounds of peanut butter were purchased?

The restaurant would get 16 lbs of peanut butter.
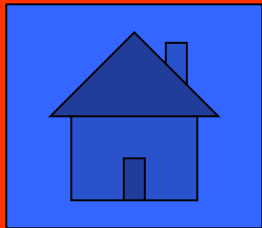
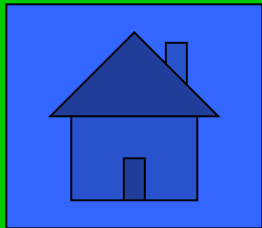Lumber is purchased by the foot. To purchase 6 pieces of lumber that are each 8 feet long costs $84.00. How much will it cost to purchase 240 feet of lumber?

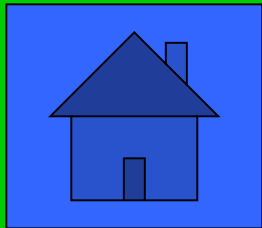The cost to purchase 240 feet of lumber would cost $420.00.
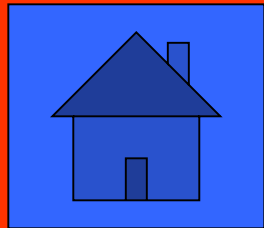
It cost Steve $123.12 to buy 18 novels from an online book store. How much does it cost for one novel?

One cost $6.84
for one novel.

What is the *difference* in price per 1000g between chicken sold at $23.24/1000g and turkey sold at $5.17/250 g?

The difference is $2.56

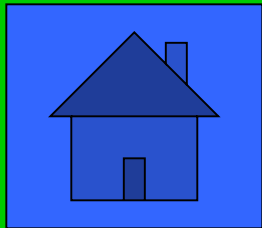# Which of the following packages of deli meats has the lowest unit price?

i) $1.89/100g

ii) $4.80/250g

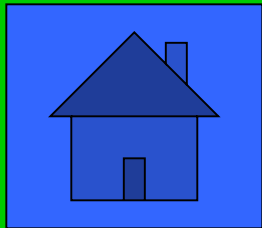iii) $5.97/300g

iv) $3.34/157g

The lowest unit price is…

i) $1.89/100g

Noreen is placing tile on her kitchen floor that measures 7.5m by 4.5m. The tile costs $16.15 per square meter. How much will Noreen spend on tile?

Noreen will spend

$545.06 on tile.

Three grocery stores have advertised their price for packages of pork chops:
Store A $3.25 / 500g
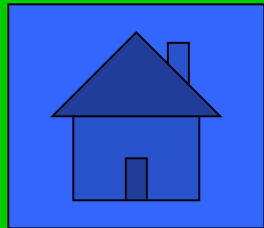**Store B $5.85 / kg**
Store C $11.38 / 2 kg

What is the unit price
for each store, per gram?
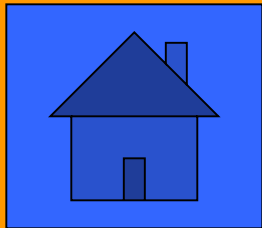**(give your answer to 4 decimal places)**

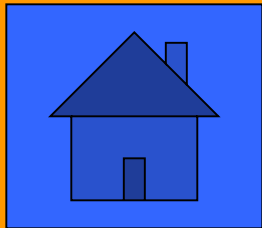Store A $0.0065 / g

Store B $0.0059 / g

Store C $0.0057 / g

Lilly makes and sells jewelry. If it costs her $16.00 to make a necklace and she marks up the price by 89%, how much will she sell the necklace for?

Lilly will sell the necklace for $30.24.

A video game costs $48.99. If HST is 12%, how much sales tax will you pay?

The amount of sales tax you will pay is $5.88 .

Good As New Computers purchases computers for $325.00 each from a business up grading its systems. Good As New then refurbishes the computers and sells them for $422.50 each. What is the markup, in percent, on the refurbished computers?

There is a markup of 30%.
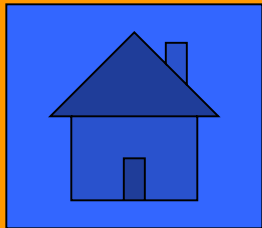
The cost of ingredients has gone up so Andy has decided to increase the cost of food at his NS café by 11%. How much will a customer pay for a sandwich that used to cost $6.49? Include 15% tax.
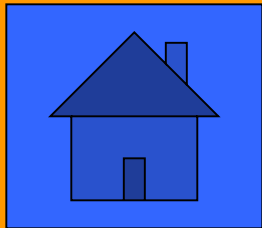
The new price of the sandwich
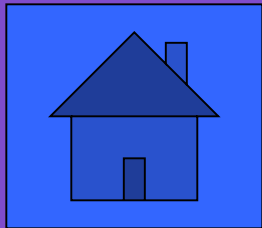will be $8.28.
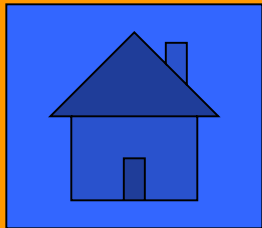
The retail price of a snow blower is $617.40.

How much will it cost in Saskatchewan with the GST of 5% and the PST of 10%?

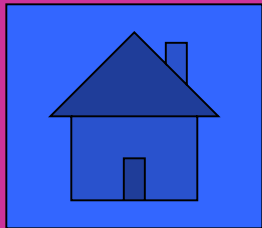The new price (taxes included)of the snow blower is $701.01

Calculate the sale price of a coat that regularly sells for $149.00 and is on sale for 35% off.

The sale price is $96.85.

A DVD player is regularly priced at $139.00. Its sale price is 104.25. What is the discount rate, as a percent.

The discount rate is 25%.

Tracy saw an advertisement for a store sale offering all purses at 15% off. The purse Tracy is interested in retails for $40.98. How much will the purse cost after 13% HST tax is applied to the price?

The price of the purse will be $39.36.
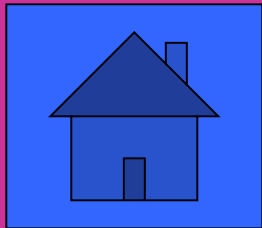
The regular price of a sofa is $719.99, but it is on sale for 40% off. What will the customer pay if the sofa is sold in Yellowknife, NWT, where tax is 5% GST?

The sofa will cost $453.59.
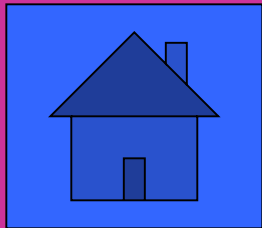
Towels are on sale at a department store. The advertisement says, "Buy one, get one half off!". The regular price of a towel is $15.20. If you buy 8 towels, how much will it cost you? Do not include tax.
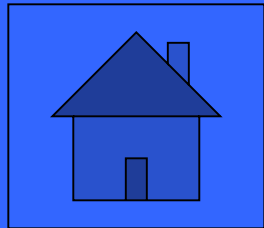
Four towels will cost $91.20.
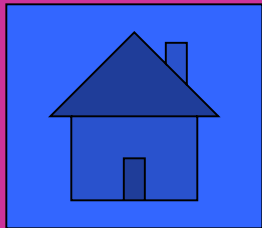
The bank's selling rate for Kenyan shillings is 0.017300. How many shillings will you get for $150.00 CAD?
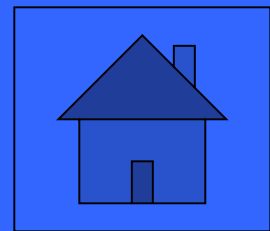
You would get 8670.52 shillings.
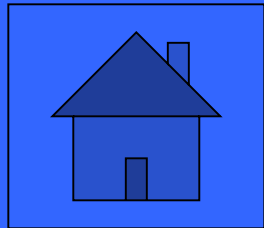
The bank's buying rate for Brazilian reals is 0.534900. How many Canadian dollars will you get 150 reals?

You will get $80.24 for 150 reals.

The bank's selling rate for Czech Republic Koruna is 0.06238 and the buying rate is 0.06028. How many koruna will you get for $150.00 CAD?

You will get 2404.62 koruna for $150.00

The listed price of a smartphone in Ireland is 250 euros. How much Canadian currency will you need to purchase the phone if 1 euro is worth $1.580814 CAD?

The smartphone would cost $395.20.
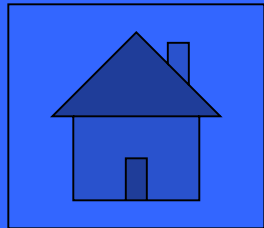
Pablo is visiting Canada from Mexico. He is renting a hotel room for 4 nights in Vancouver. The cost of the hotel room is $75.00 CAD per night. Pablo exchanges his pesos for Canadian dollars at a bank in Canada.
The bank buying rate is $0.19779 CAD and selling rate is $0.08087 CAD. How much will it cost him in Pesos?

The hotel will cost him
1516.76 pesos.