

Mixed operations word problems

Grade 4 Word Problems Worksheet

A bakery specializing in donuts and croissants opens at 10 o'clock in the morning.

1. The bakery baked 160 donuts and 180 croissants before the shop is opened. How many baked goods were there in total?

2. There are 8 different flavours of donuts and there are same numbers of donuts for each flavour. How many donuts are there for each flavour?

3. The first customer came in and bought 2 dozen donuts and 6 croissants. How many croissants were left?



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4. The next 3 customers came in and bought 9 donuts each, how many donuts were left?
5. The original price of each donut is \$2. After 5 o'clock in the afternoon, the price will be changed to \$5 for 3 donuts. What is the price difference between buying 21 donuts before and after 5 o'clock?
6. Write an equation using "x" and then solve the equation. The bakery charged \$x for each croissant. After all the croissants are sold out, the bakery received \$540 for the croissants.

Answers

1. $160 + 180 = 340$
There were total of 340 baked goods.
2. $160 \div 8 = 20$
There were 20 donuts for each flavour.
3. $180 - 6 = 174$
There were 174 croissants left.
4. $160 - 24 - 3 \times 9 = 109$
There were 109 donuts left.
5. $21 \times \$2 = \42
Before 5 o'clock, the price of 21 donuts is \$42.
After 5 o'clock, the price of 21 donuts is \$35.
 $\$42 - \$35 = \$7$
The price difference is \$7.
6. $180x = 540$
 $x = 3$
The bakery charged \$3 for each croissant.