

Calculating with GST (15%)

Goods and Services Tax (GST) is a 15% tax added to the price of most goods and services in New Zealand.

Part A: Calculating the GST Amount

To find the amount of GST on a price, calculate 15% of that price.

1. Calculate the GST amount on a \$60 pair of shorts.

2. Find the GST that would be added to a \$250 games console.

3. A builder charges \$4,000 for a job before GST. How much GST will be added?

Part B: Finding the GST-Inclusive Price

The inclusive price is the original price plus GST. A quick way to find the final price is to multiply the original (exclusive) price by **1.15**.

4. A book has a GST-exclusive price of \$40. What is its GST-inclusive price?

5. An electrician's fee is \$220 (exclusive of GST). What is the total amount the customer has to pay?

Part C: Finding the GST-Exclusive Price (Reverse GST)

The GST-inclusive price represents 115% of the original price. To find the original (exclusive) price, divide the inclusive price by **1.15**.

6. A smartphone has a final price of \$1,035, which includes GST. What was the price *before* GST was added?

7. You pay \$69 for a haircut, including GST. What is the GST-exclusive price of the haircut?

8. A car is advertised for \$20,700, GST inclusive. How much of that price is the GST amount? (Hint: First find the exclusive price).

Part D: Mixed Problems Table

Complete the table by filling in the missing values for each item.

Item	GST-Exclusive Price	GST Amount (15%)	GST-Inclusive Price
Jacket	\$160.00		
Dinner			\$92.00
Laptop		\$240.00	