

Grade 7 Practice Exam Questions 2023-2024 (General Reveal)

Paper Part: Show all your work when answering these questions			
Question	Learning Outcome	Example/Exercise	Page
1	Combine operations to simplify linear expressions.	Check	267

Simplify the expression (Example 1)

$$-3(4x - 9) + 30x$$

Question	Learning Outcome	Example/Exercise	Page
2	Use different methods to subtract linear expressions.	5	257

Find the difference. (Example 2 & 3)

$$(9x - 12) - (5x - 7)$$

Question	Learning Outcome	Example/Exercise	Page
3	Use inverse operations to solve two-step equations of the form $p(x + q) = r$.	1	308

Solve the expression. Check your solution. (Example 1)

$$3(x + 5) = 45$$

***** BONUS *****			
Question	Learning Outcome	Example/Exercise	Page
4	Write two-step inequalities from real-world situations and use inverse operations to solve inequalities.	Check	378

Peter can spend no more than \$100 on new clothes for school. He spends \$25 on a new pair of shoes. Shirts cost \$15.

Write and solve an inequality to determine how many shirts Peter can purchase. Then interpret the solution. (Example 4)

***** BONUS *****

Question	Learning Outcome	Example/Exercise	Page
5	Identify vertical and adjacent angles and use them to write and solve equations to find unknown angle measures.	9	402

Ahmed was designing a kite. He needs to determine the measure of $\angle A$ before cutting the fabric.
What is the measure of angle A? (Exercise 9)

